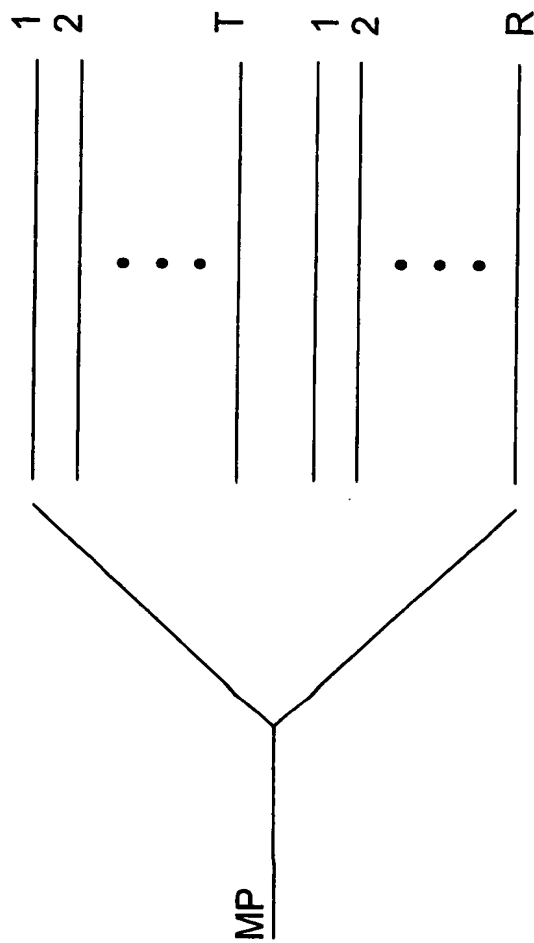
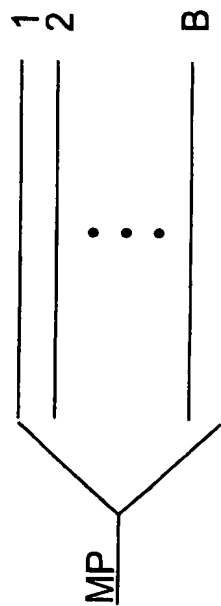




**FIG. 1A**  
**(PRIOR**  
**ART)**



**FIG. 1B**  
**(PRIOR ART)**



**FIG. 1C**  
**(PRIOR ART)**

# 4X4 DIAGONAL FOLDED MESH

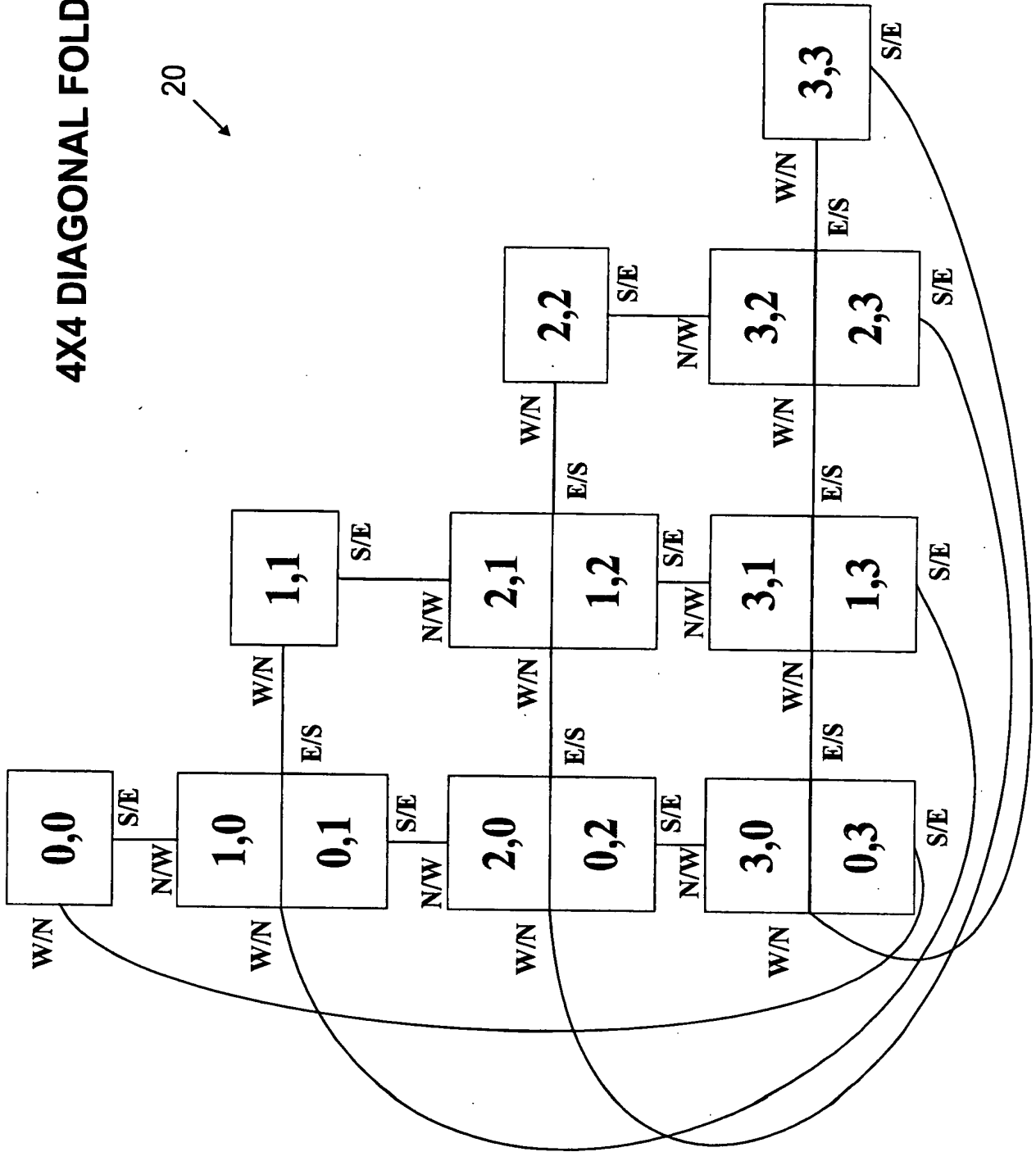


FIG. 2  
(PRIOR  
ART)

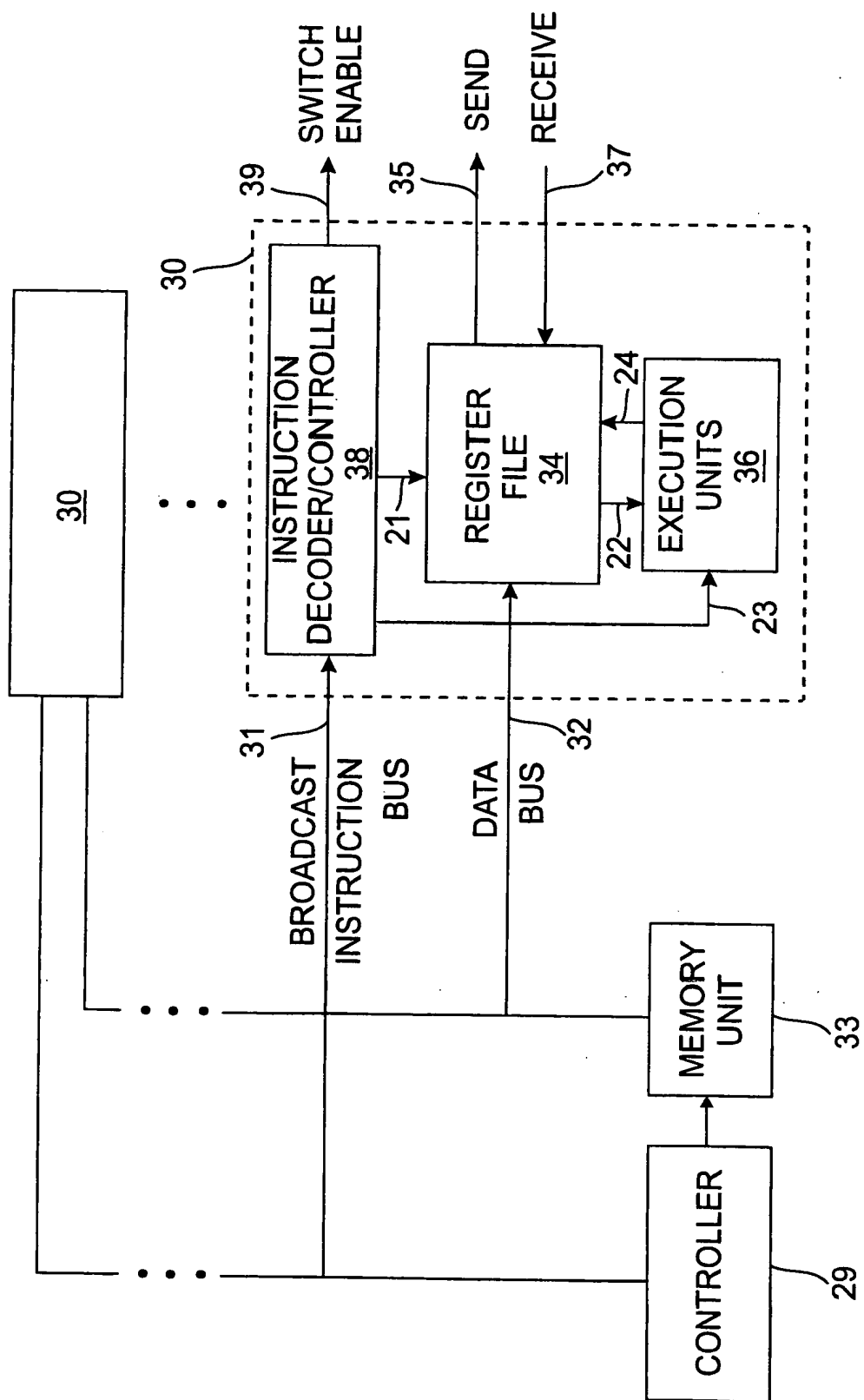


FIG. 3A

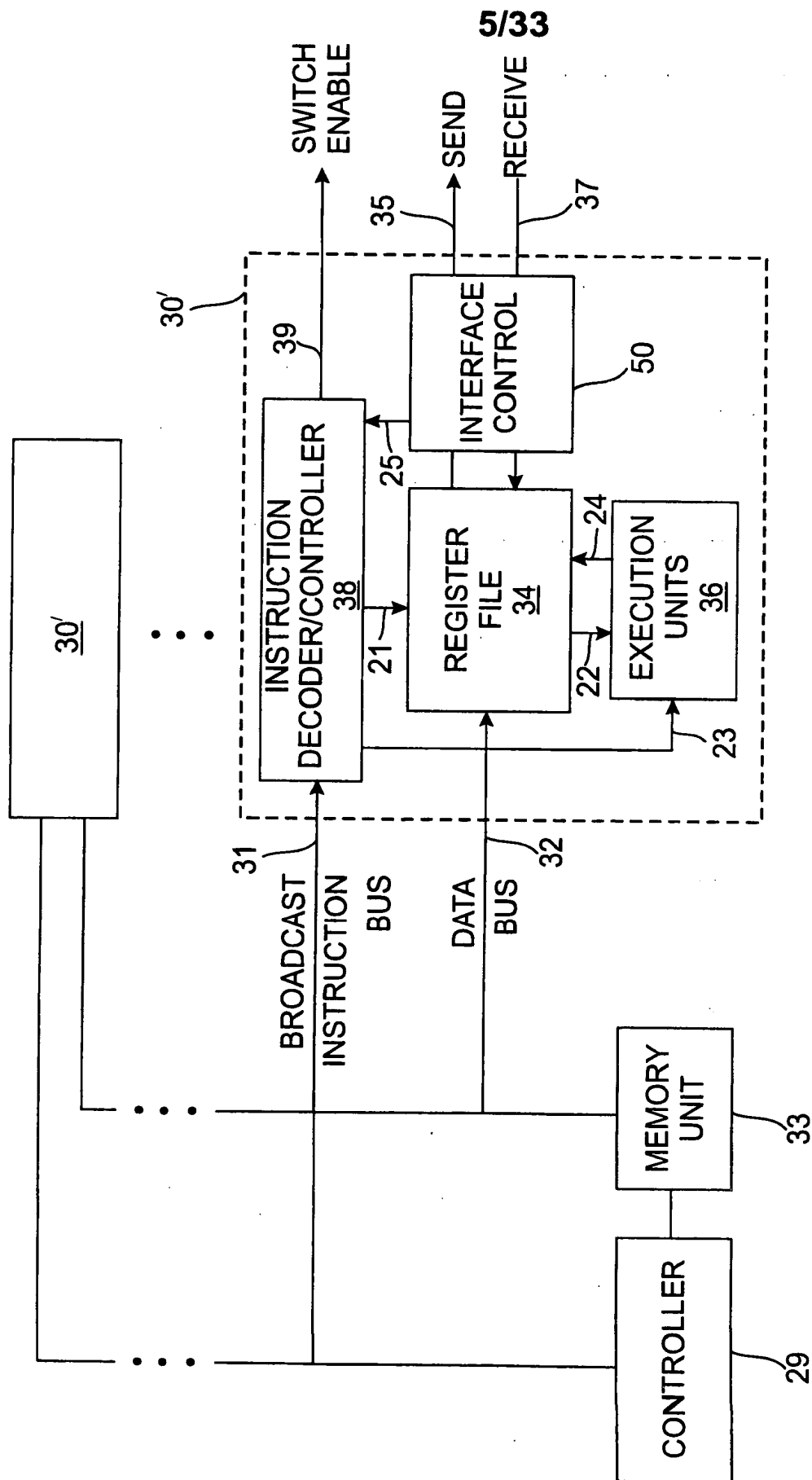
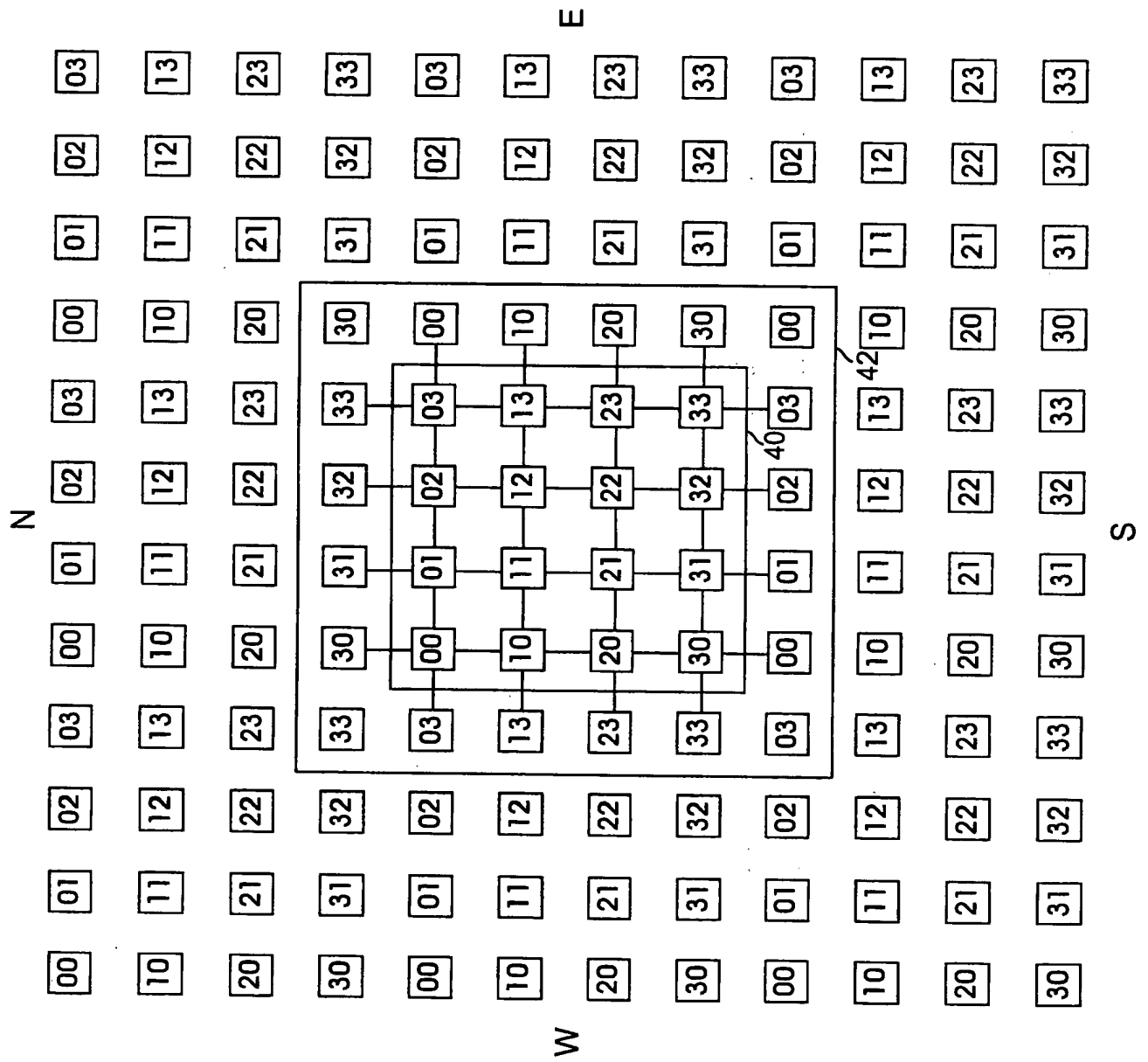


FIG. 3B



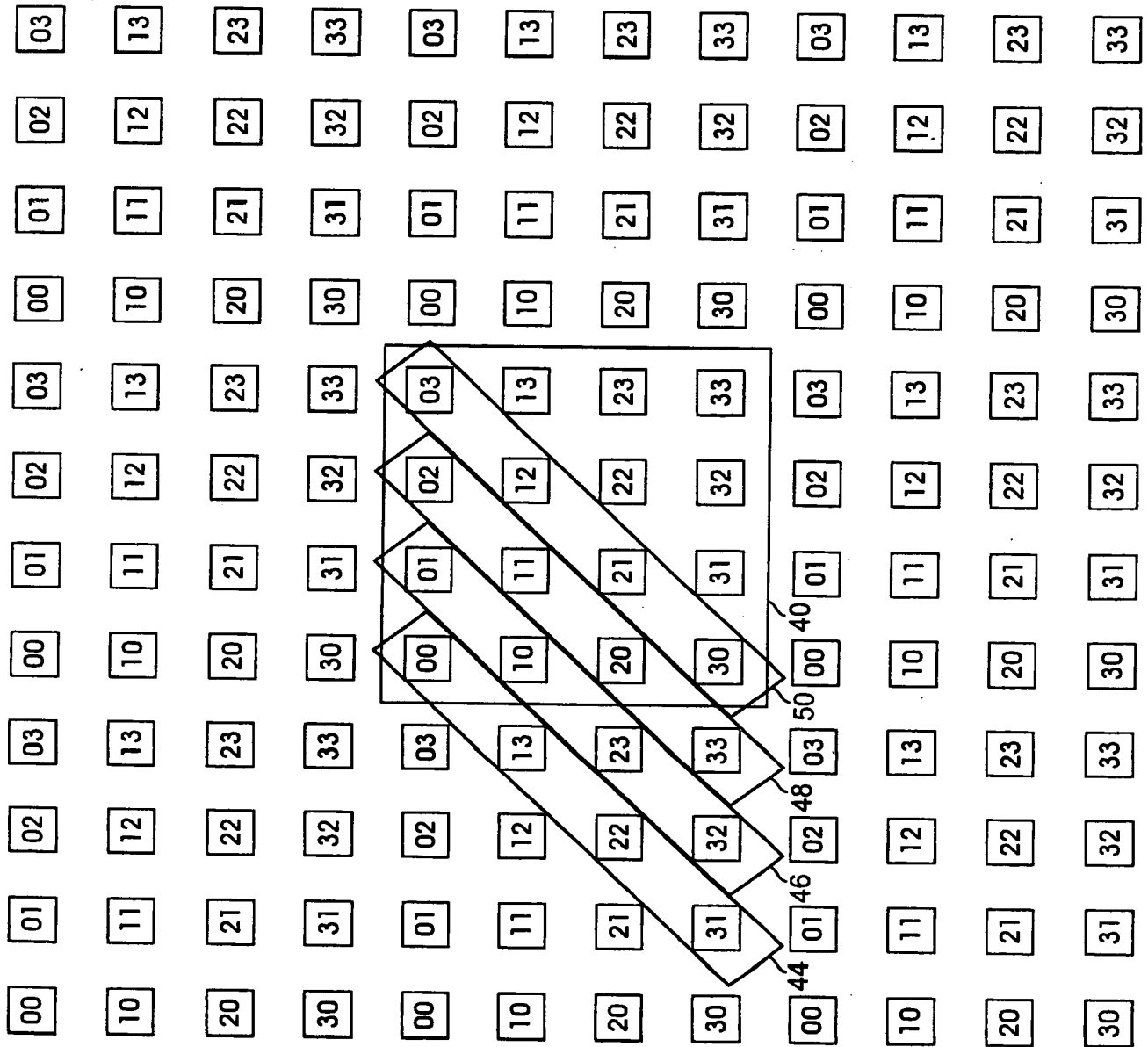


FIG. 5A

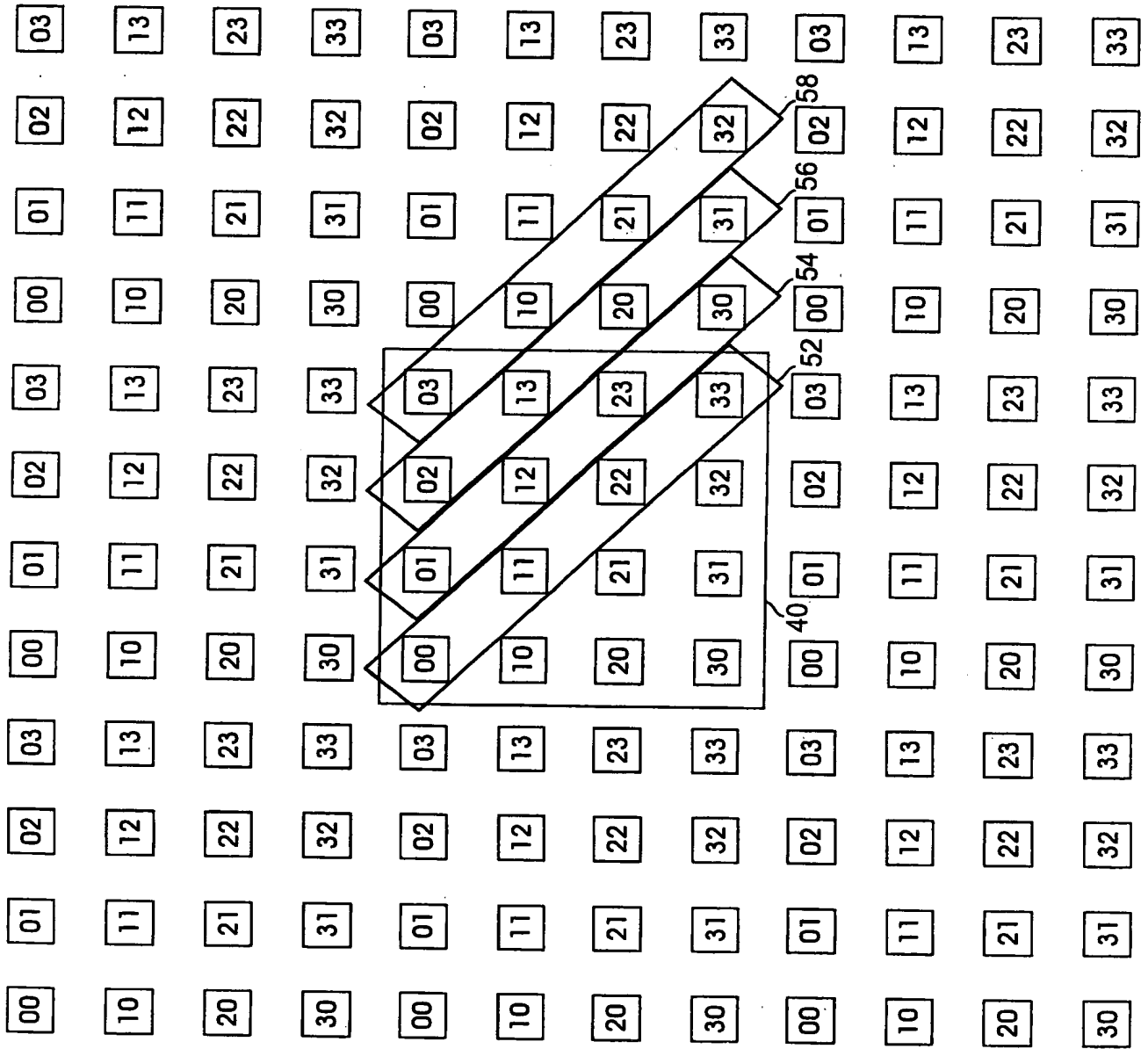


FIG. 5B



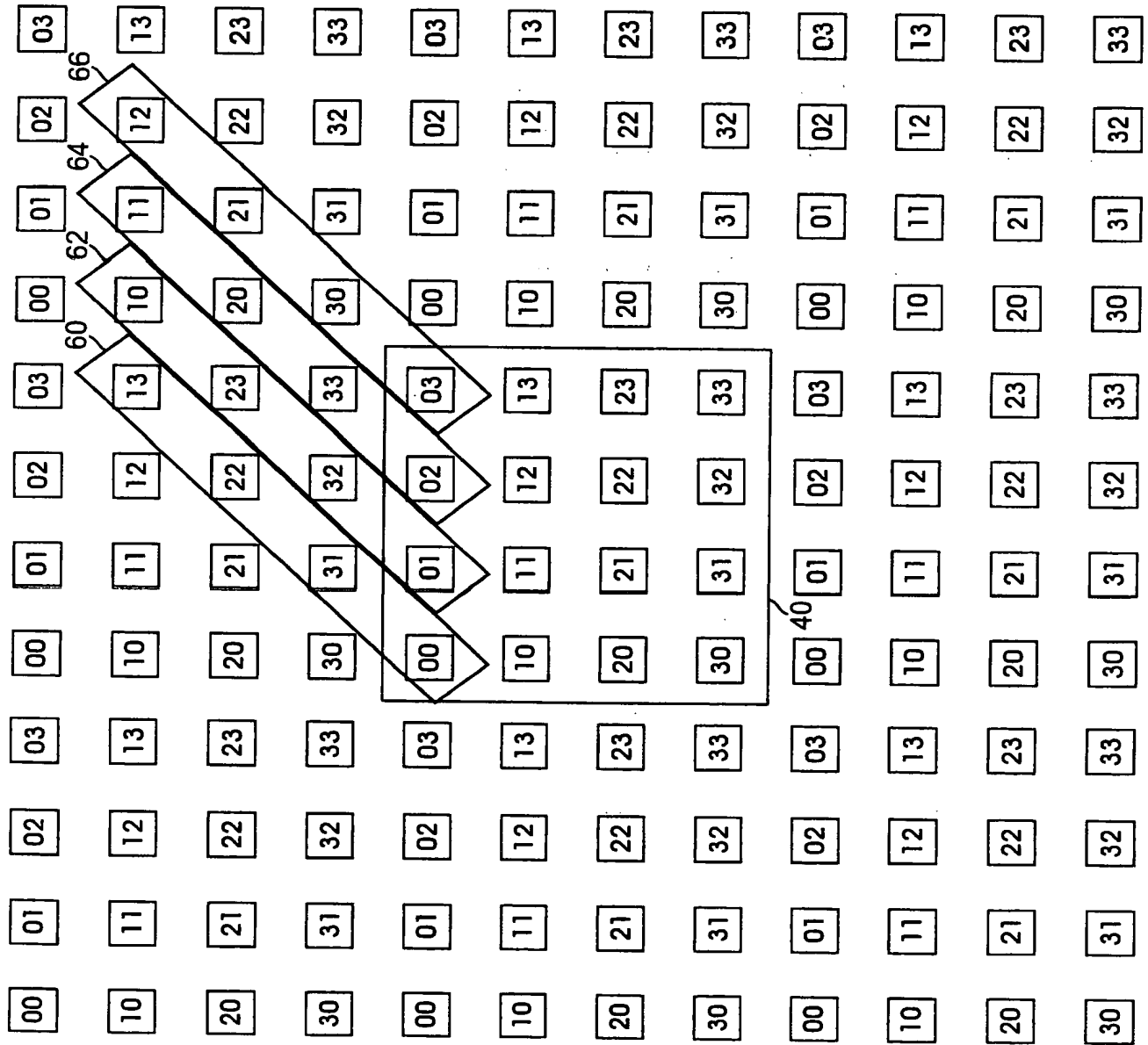


FIG. 5C

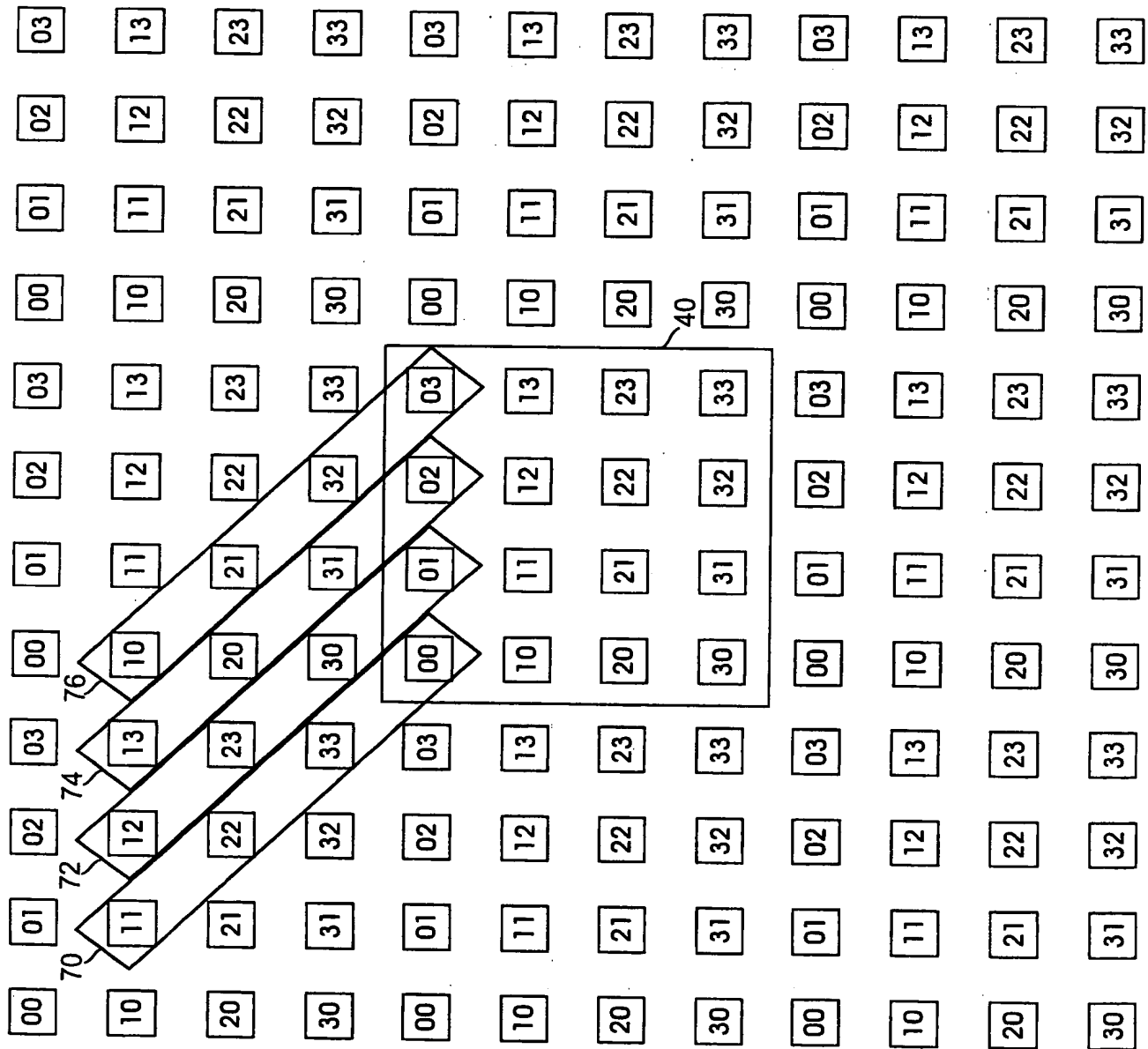


FIG. 5D

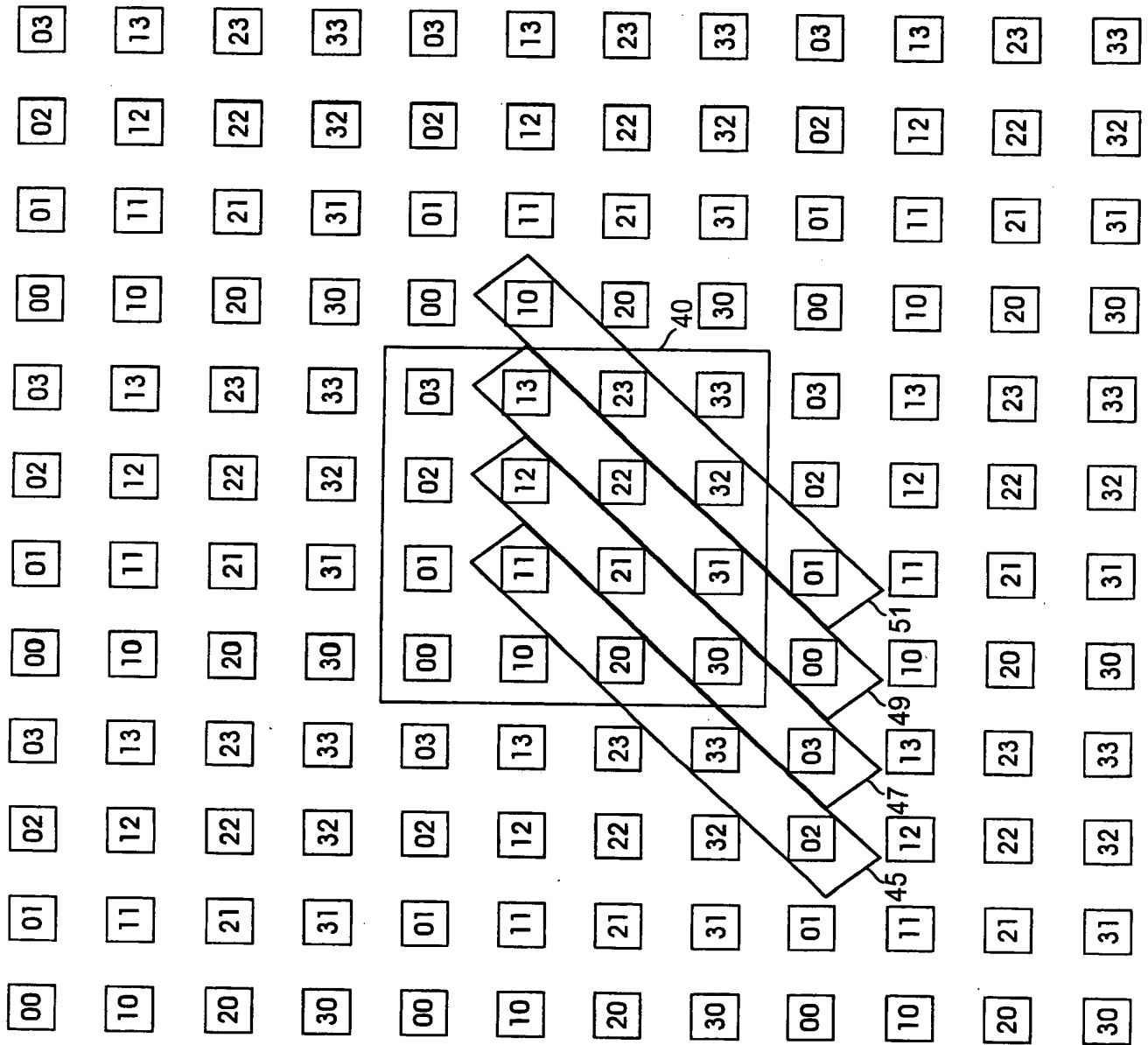


FIG. 5E

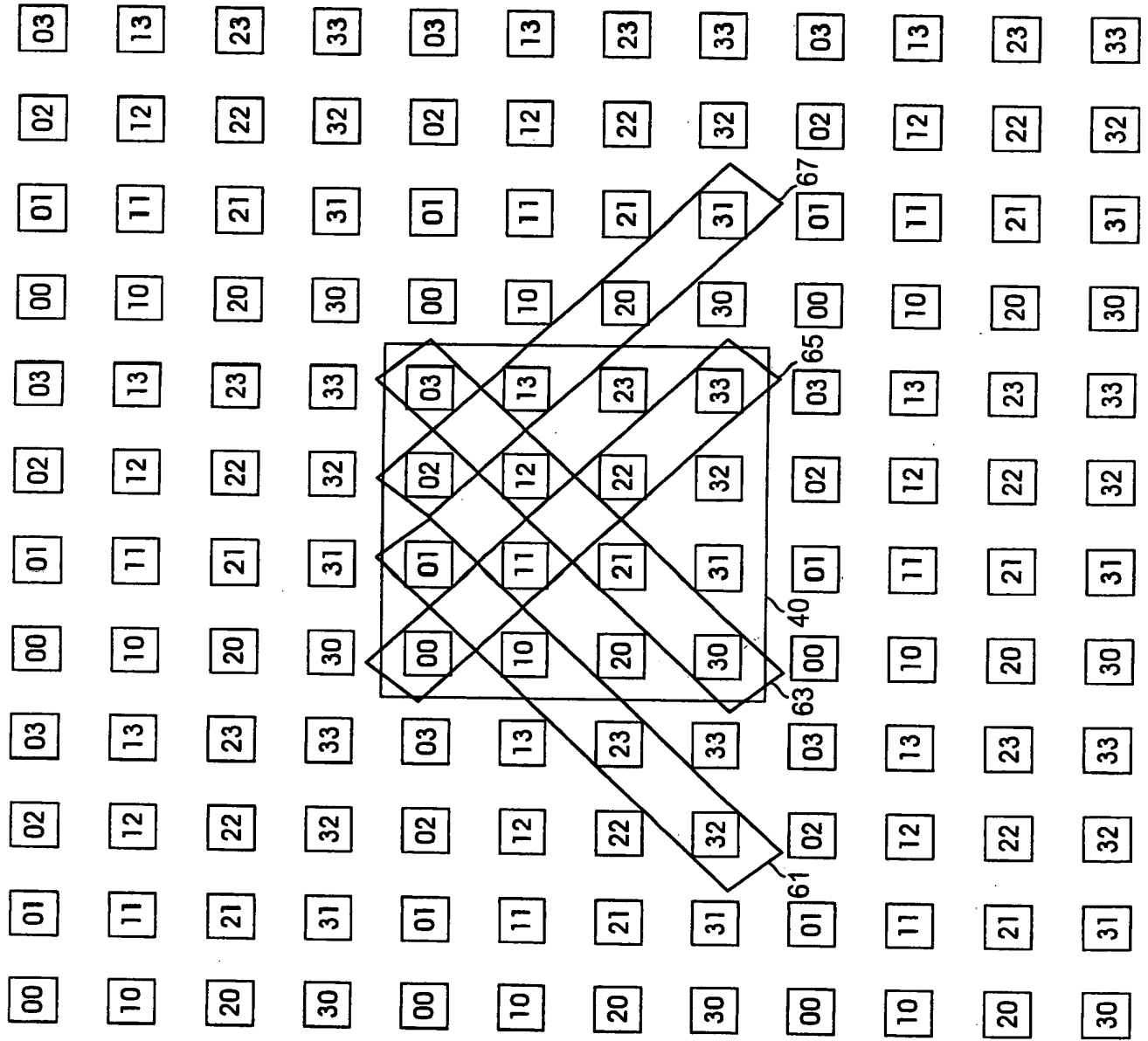


FIG. 5F

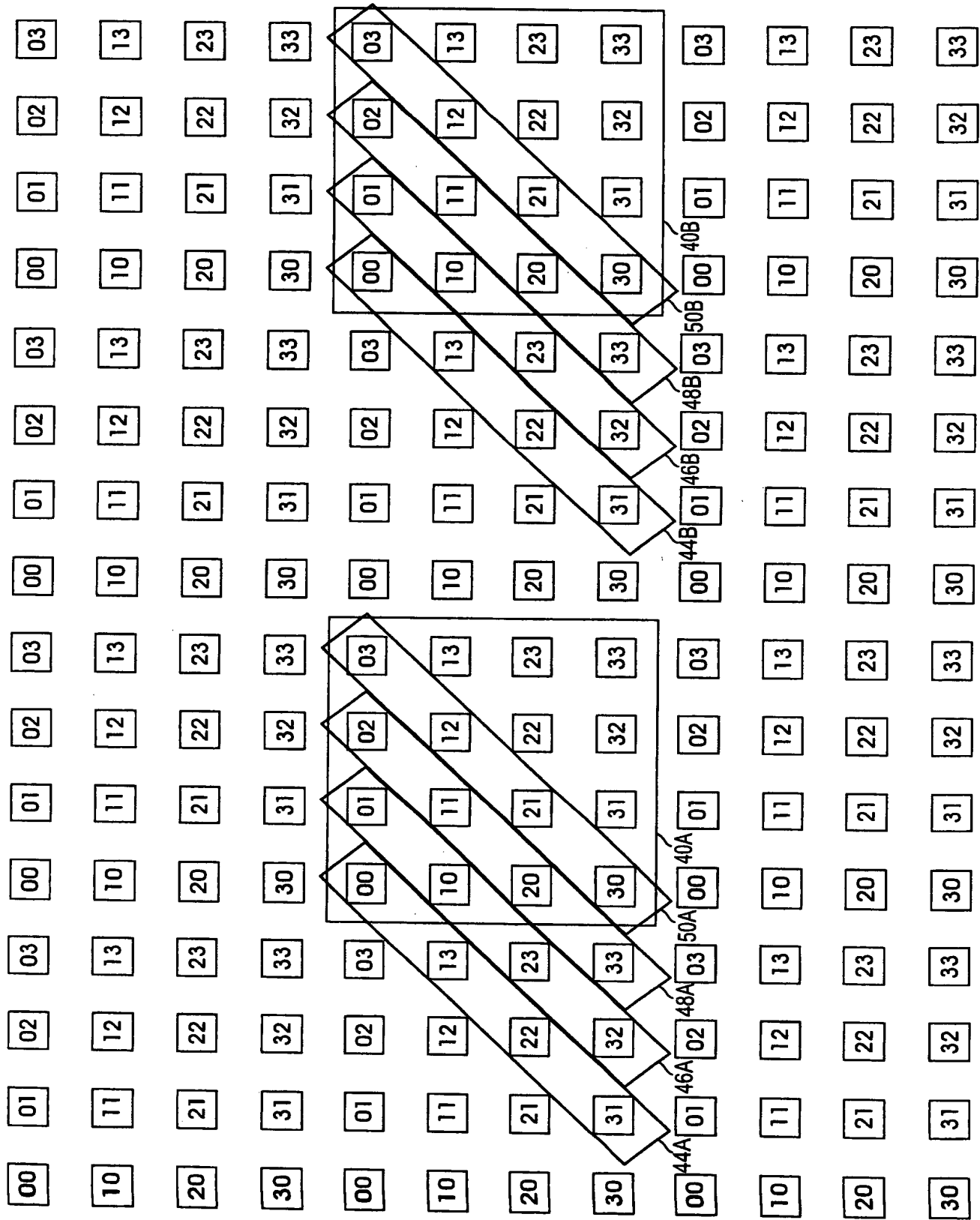


FIG. 5G

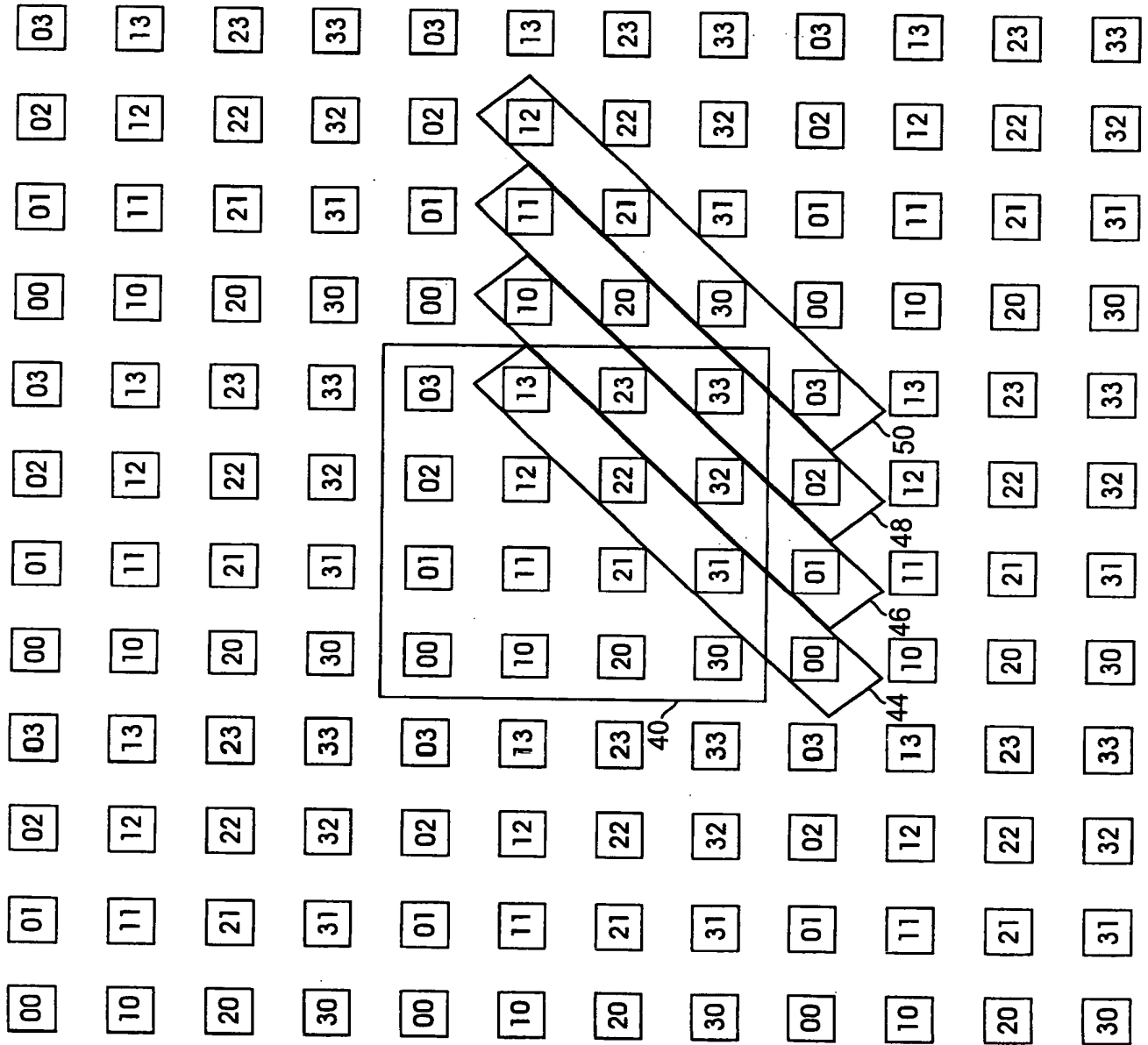


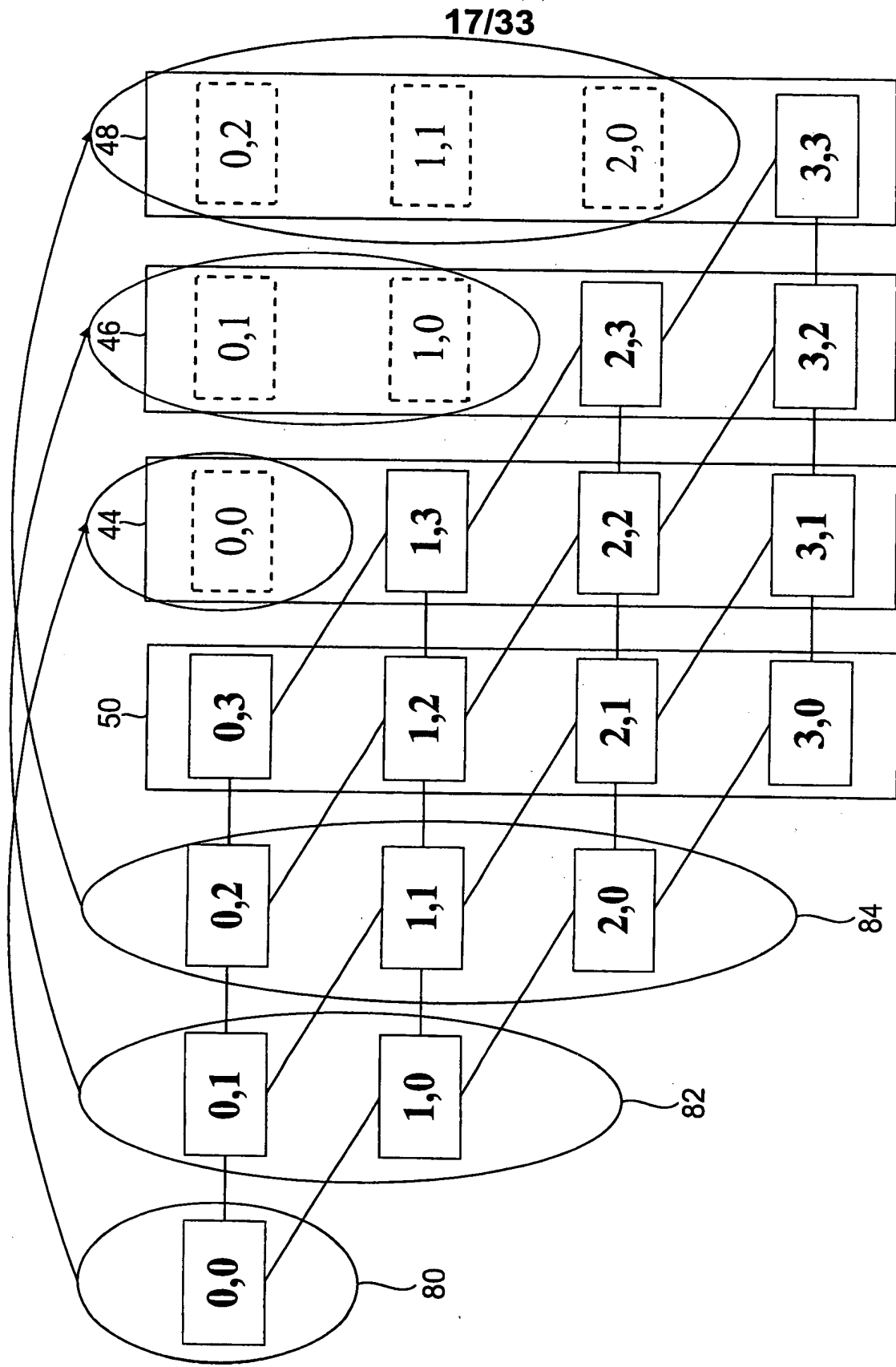
FIG. 6

00	01	02	00	01	02	00	01	02
10	11	12	10	11	12	10	11	12
20	21	22	20	21	22	20	21	22
00	01	02	00	01	02	00	01	02
10	11	12	10	11	12	10	11	12
20	21	22	20	21	22	20	21	22
00	01	02	00	01	02	00	01	02
10	11	12	10	11	12	10	11	12
20	21	22	20	21	22	20	21	22
00	01	02	00	01	02	00	01	02
10	11	12	10	11	12	10	11	12
20	21	22	20	21	22	20	21	22

FIG. 7

**FIG. 8**





**FIG. 9**

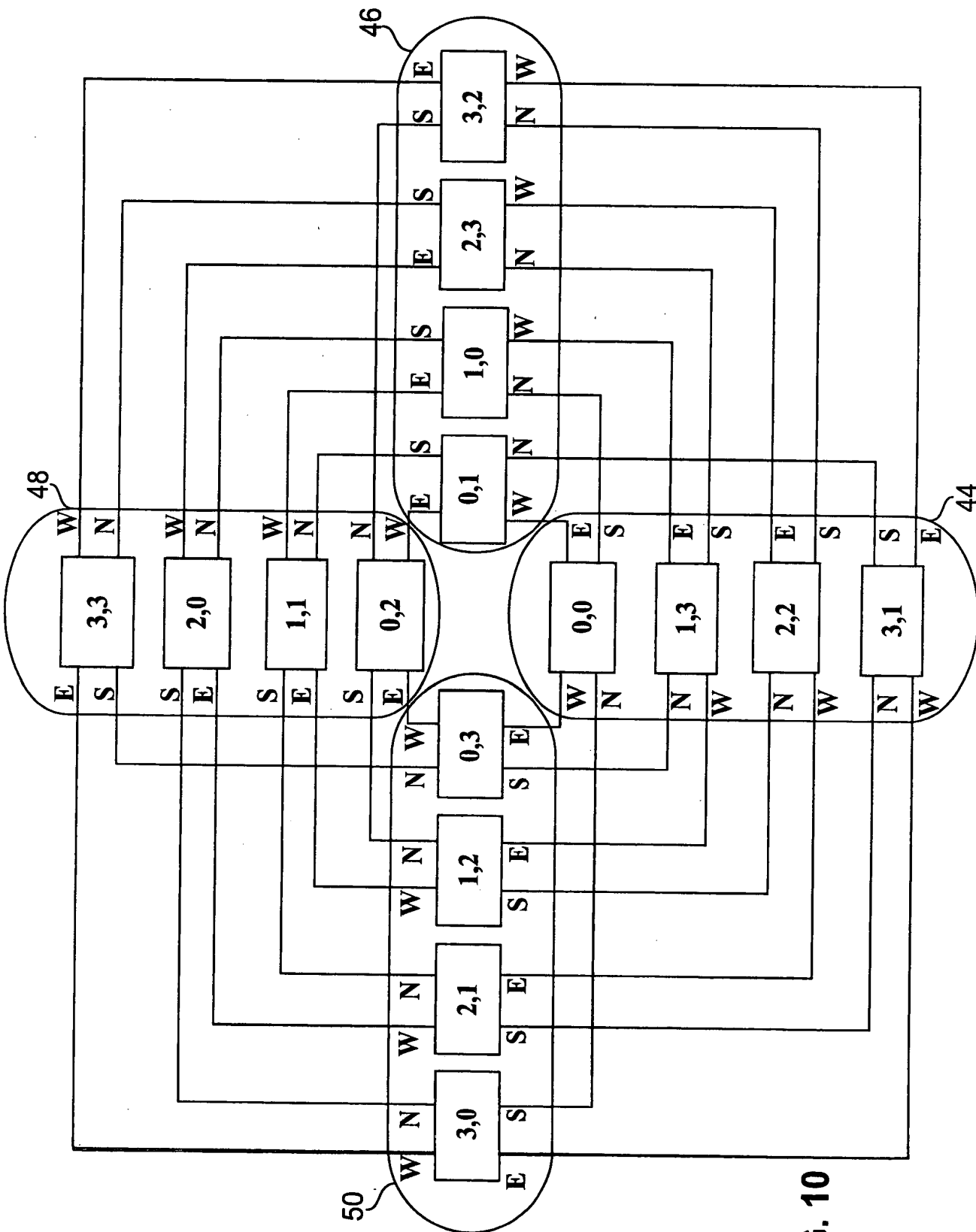
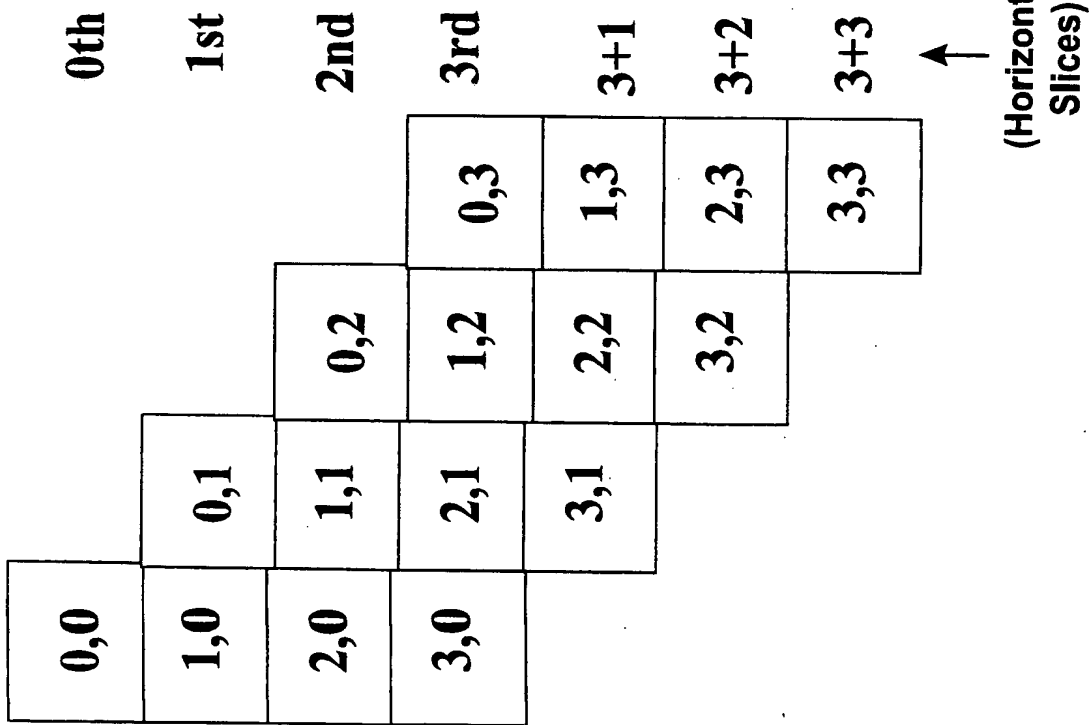
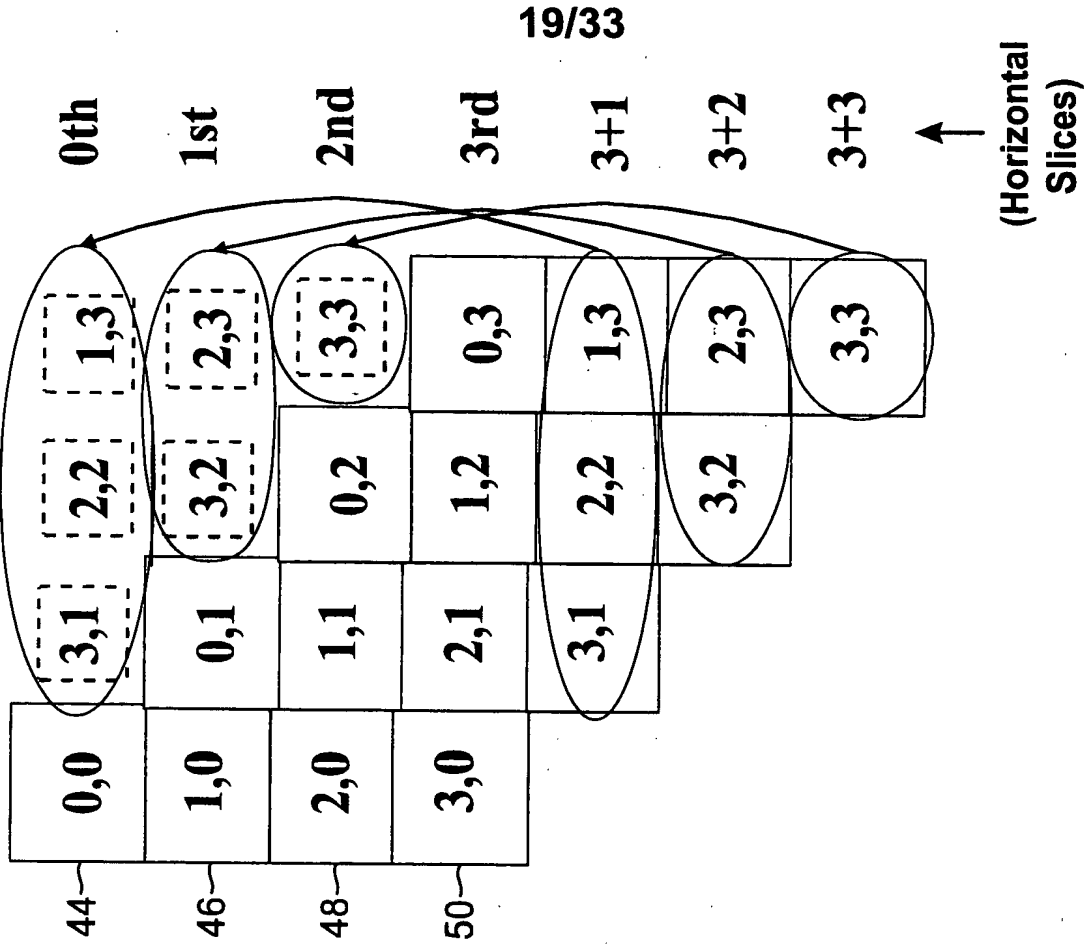


FIG. 10



4x4 Rhombus

FIG. 11A



4x4 Rhombus

FIG. 11B



**FIG. 12**

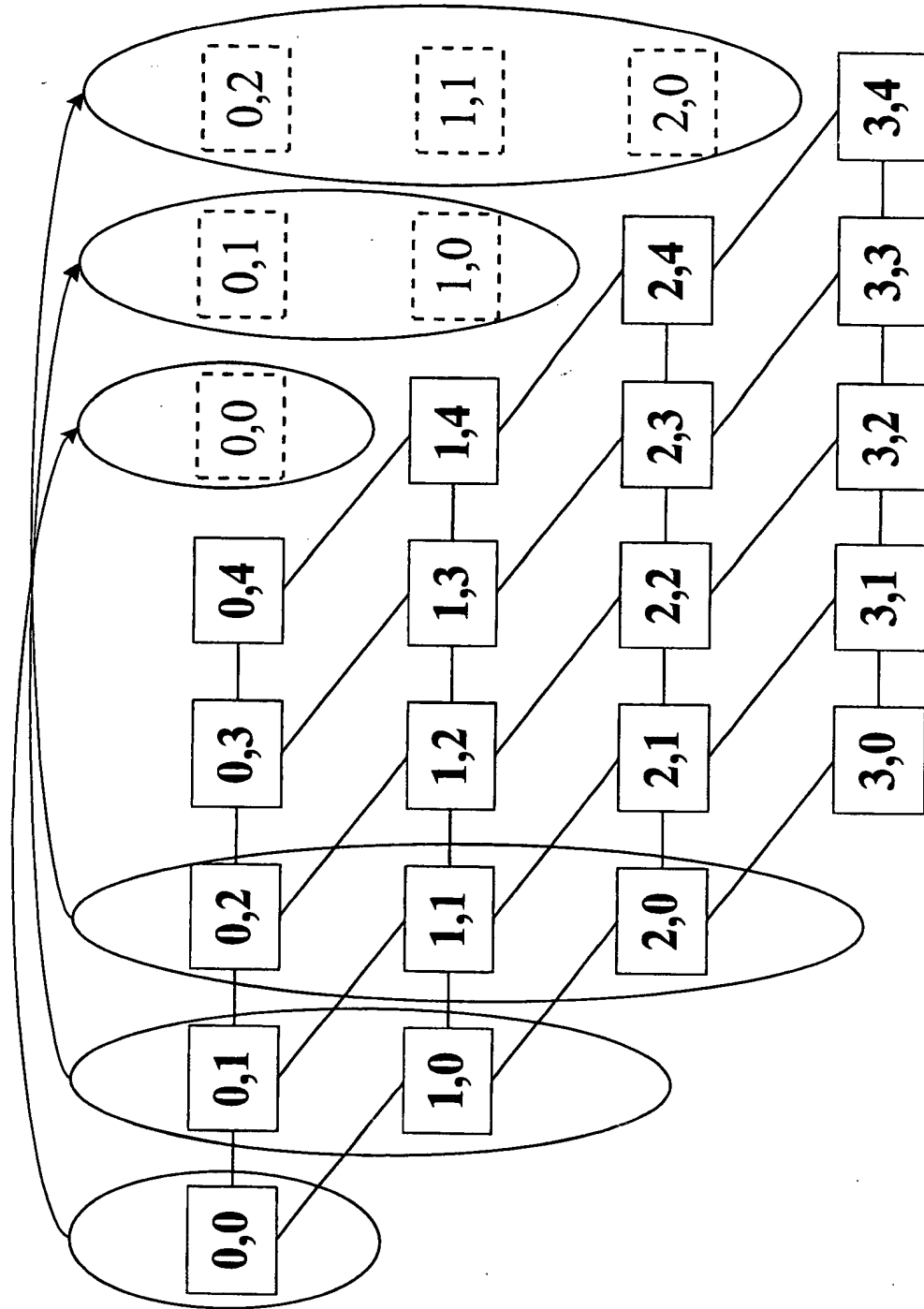


FIG. 13

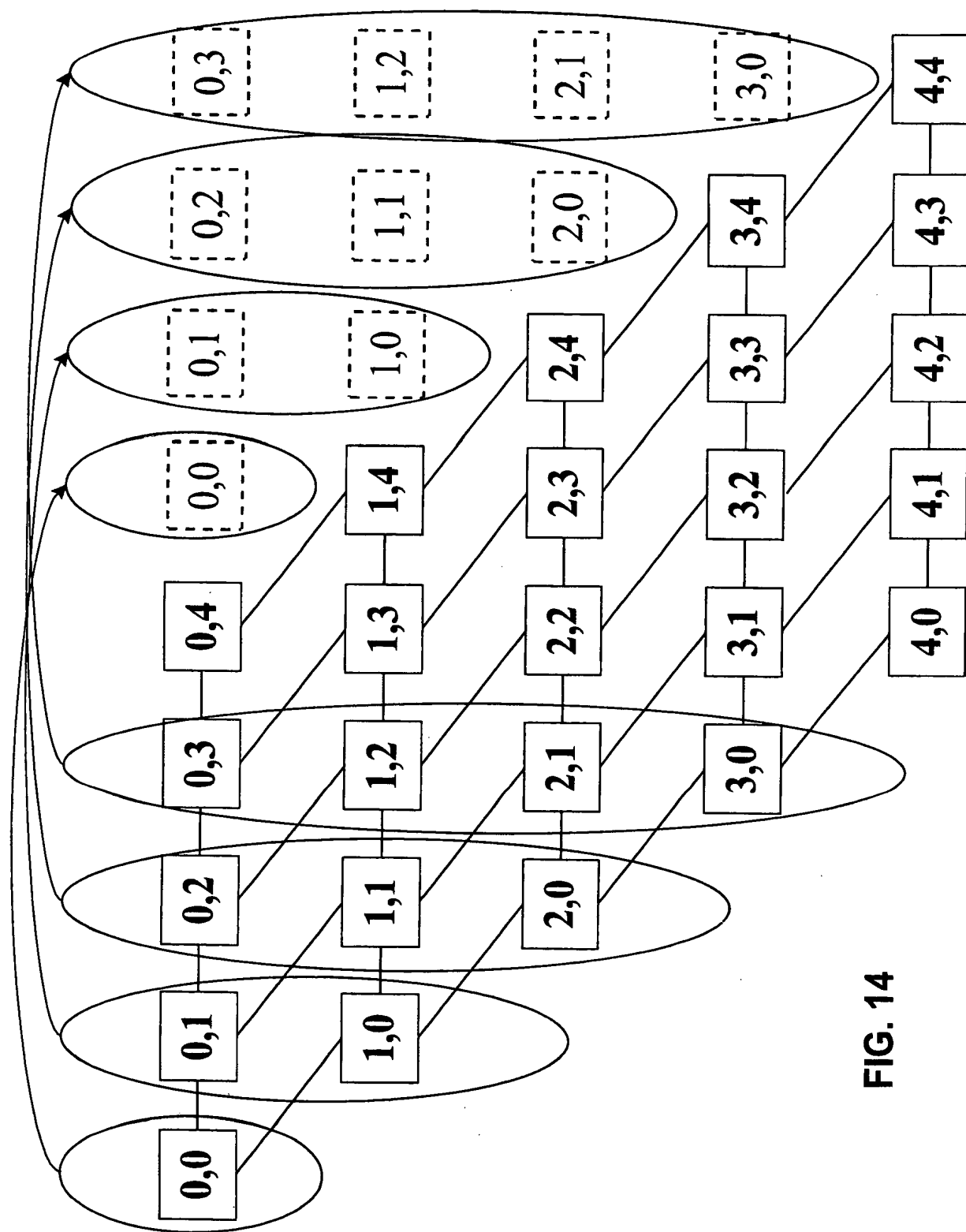


FIG. 14

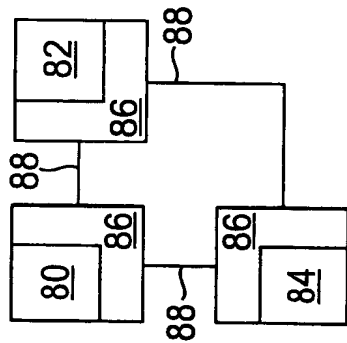


FIG. 15A

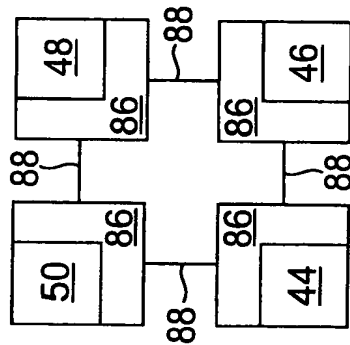


FIG. 15B

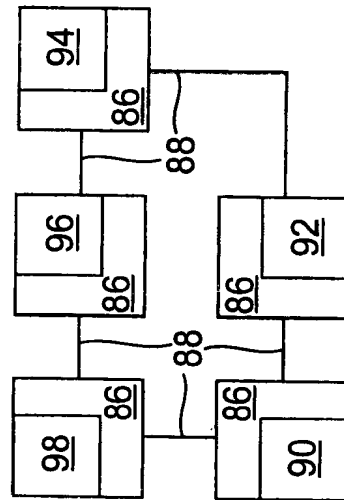


FIG. 15C

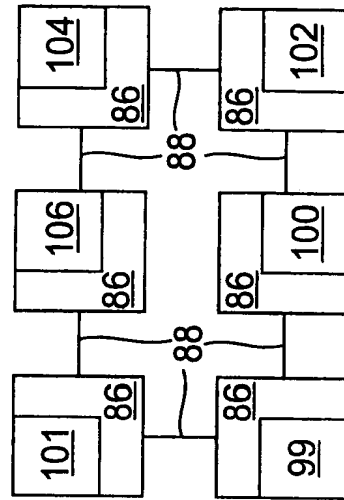
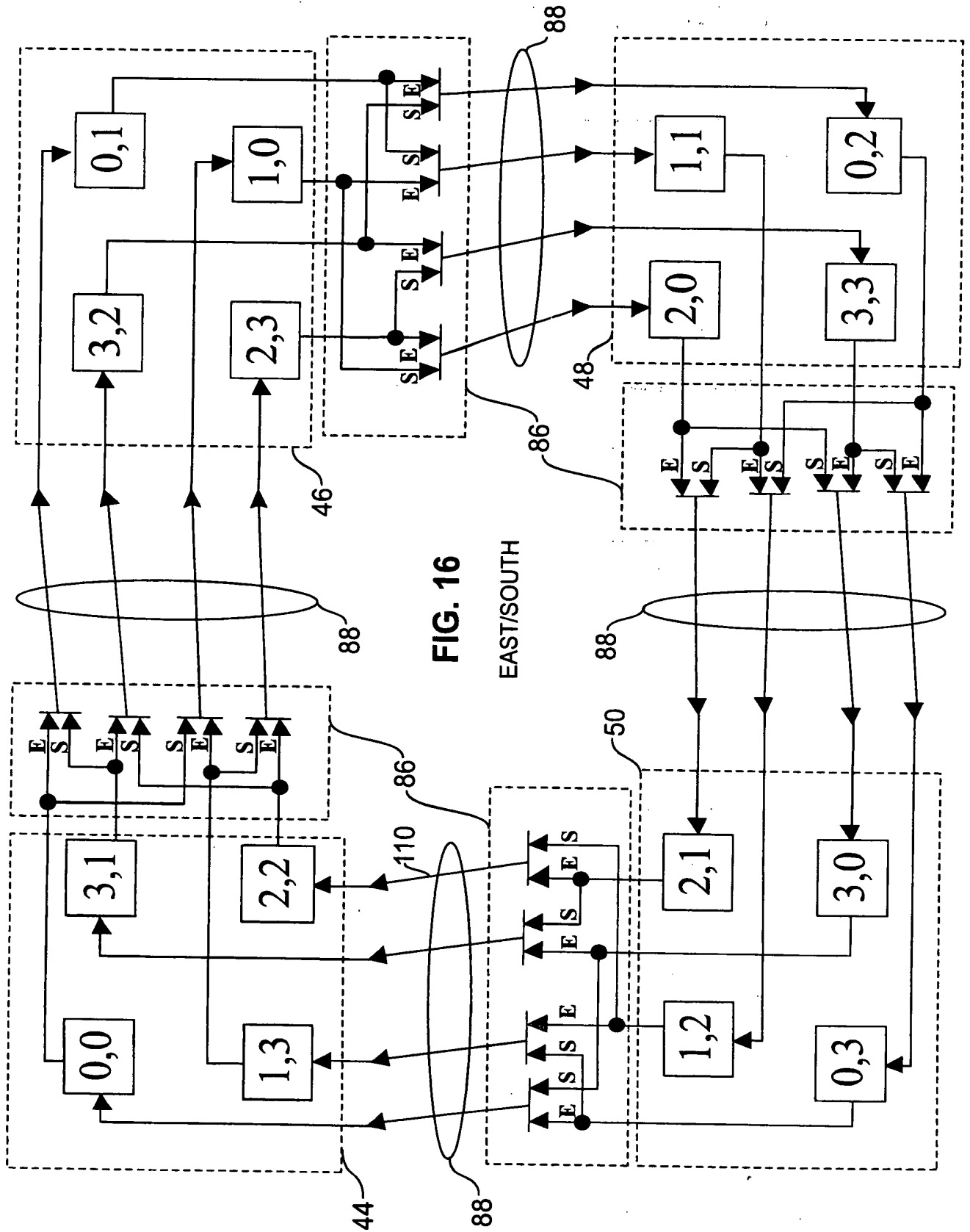
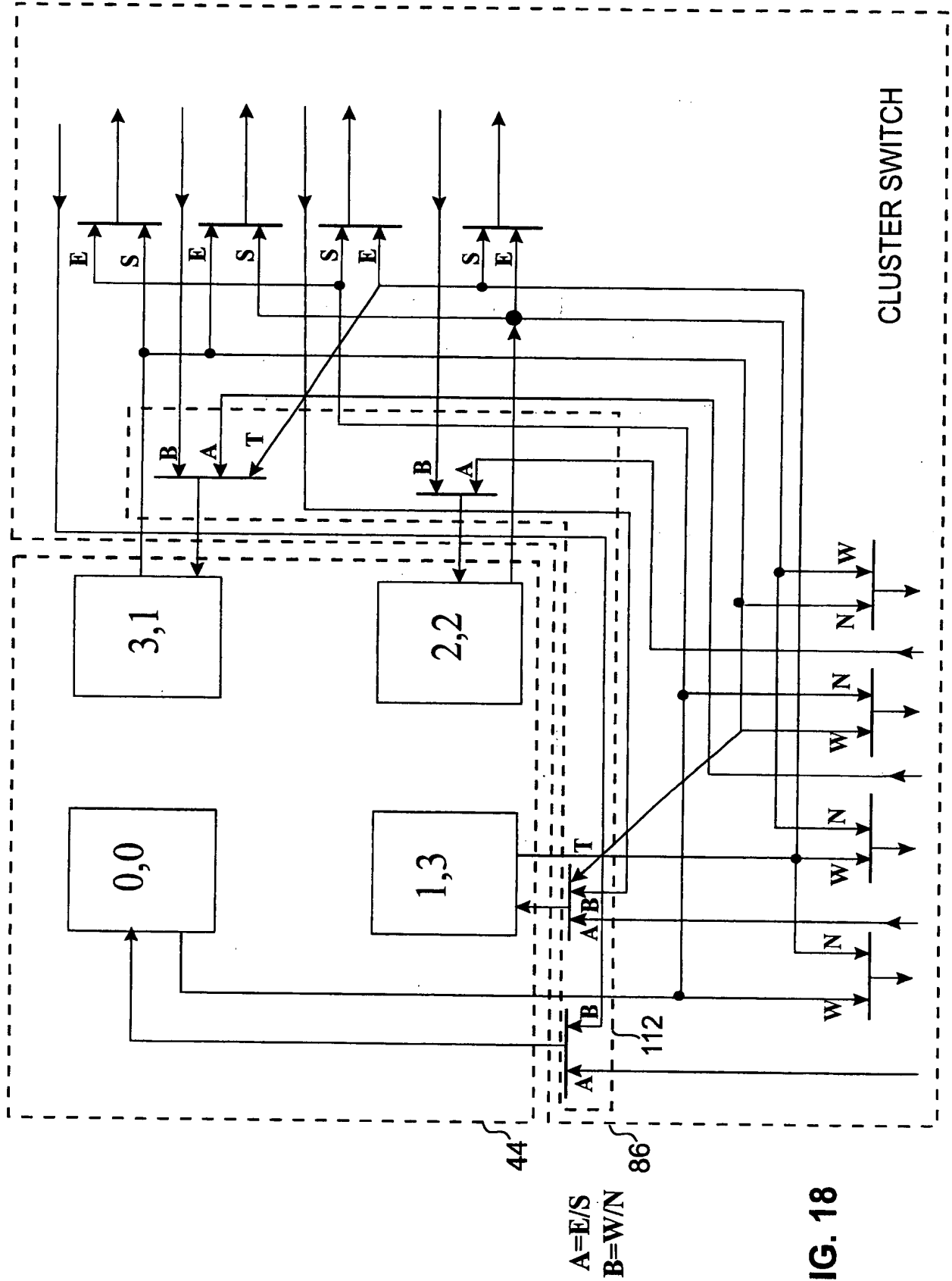


FIG. 15D









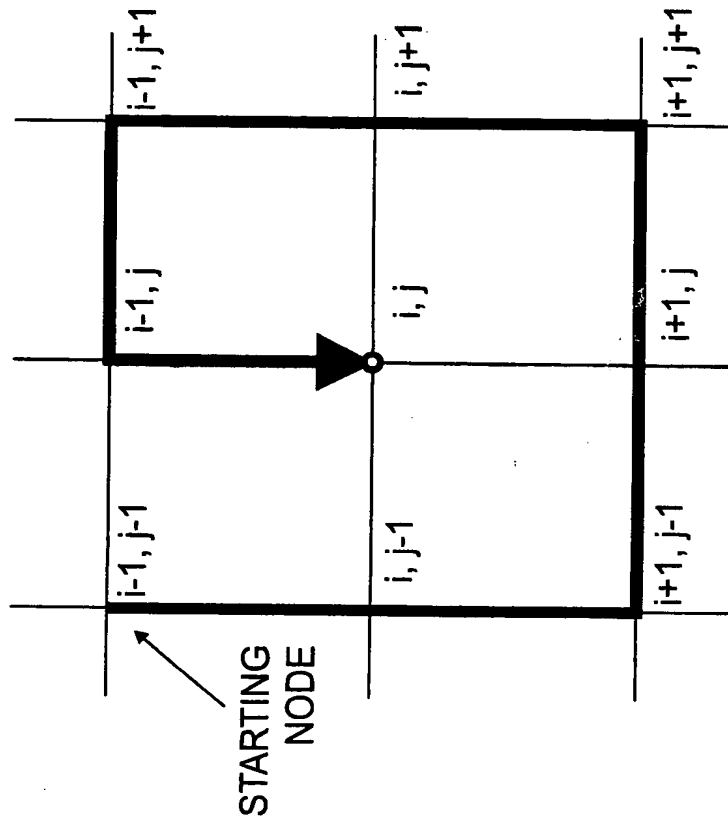
$W_{0,0}$   $W_{0,1}$   $W_{0,2}$

$W_{1,0}$   $W_{1,1}$   $W_{1,2}$

$W_{2,0}$   $W_{2,1}$   $W_{2,2}$

CONVOLUTION WINDOW

FIG. 19A



CONVOLUTION PATH FOR NODE  $i, j$

FIG. 19B

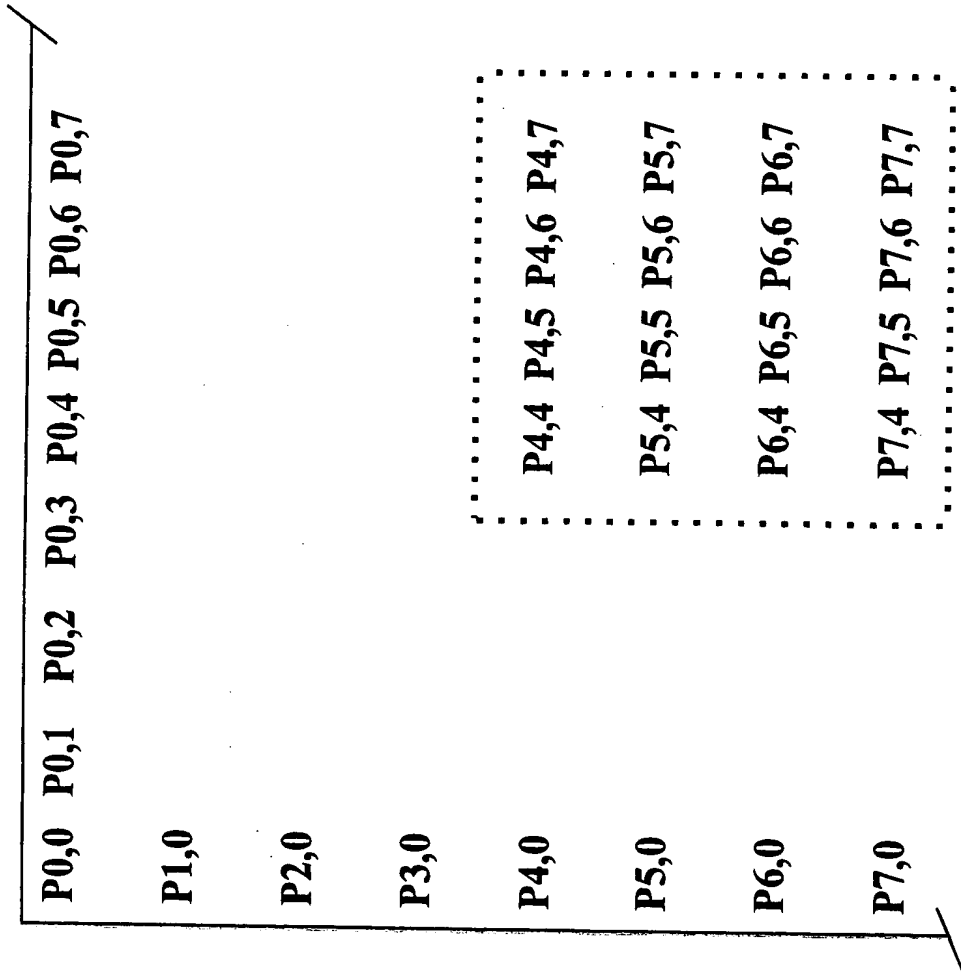
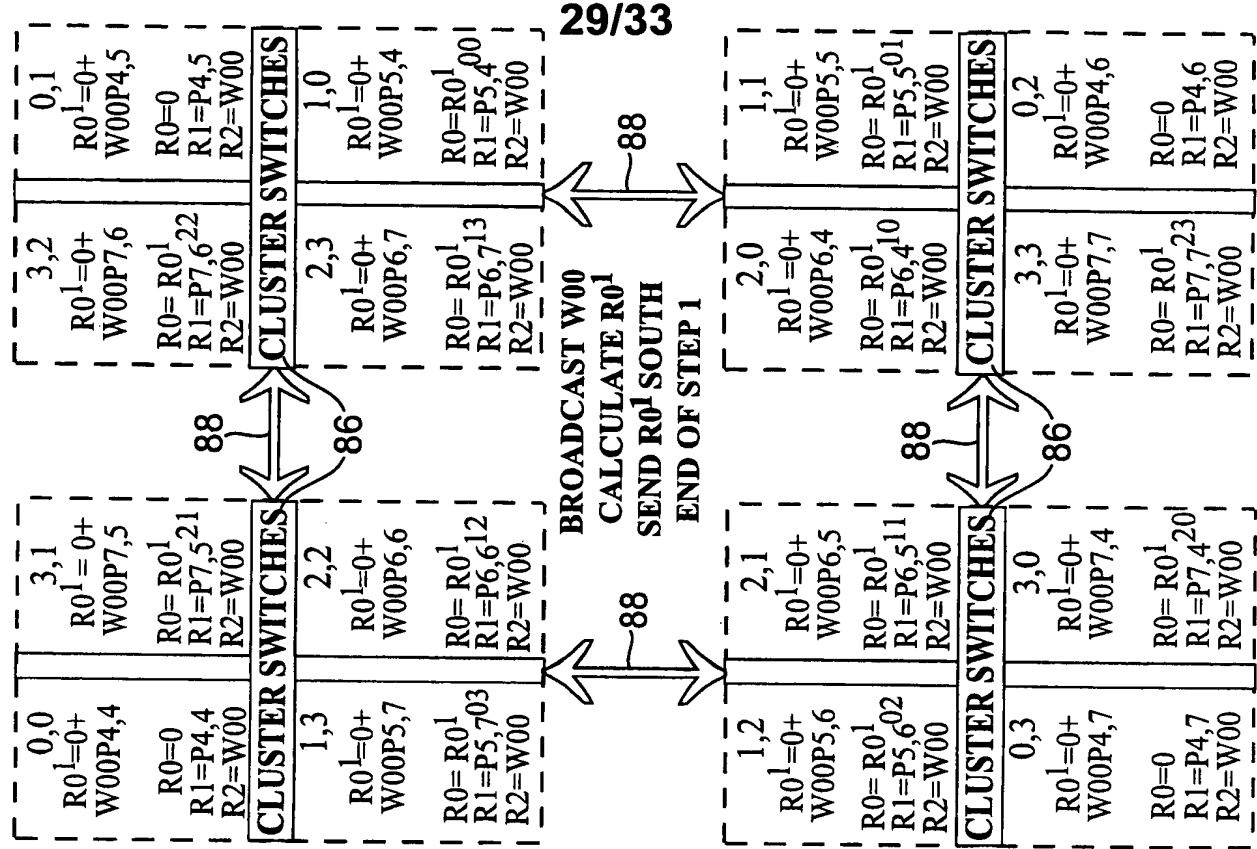
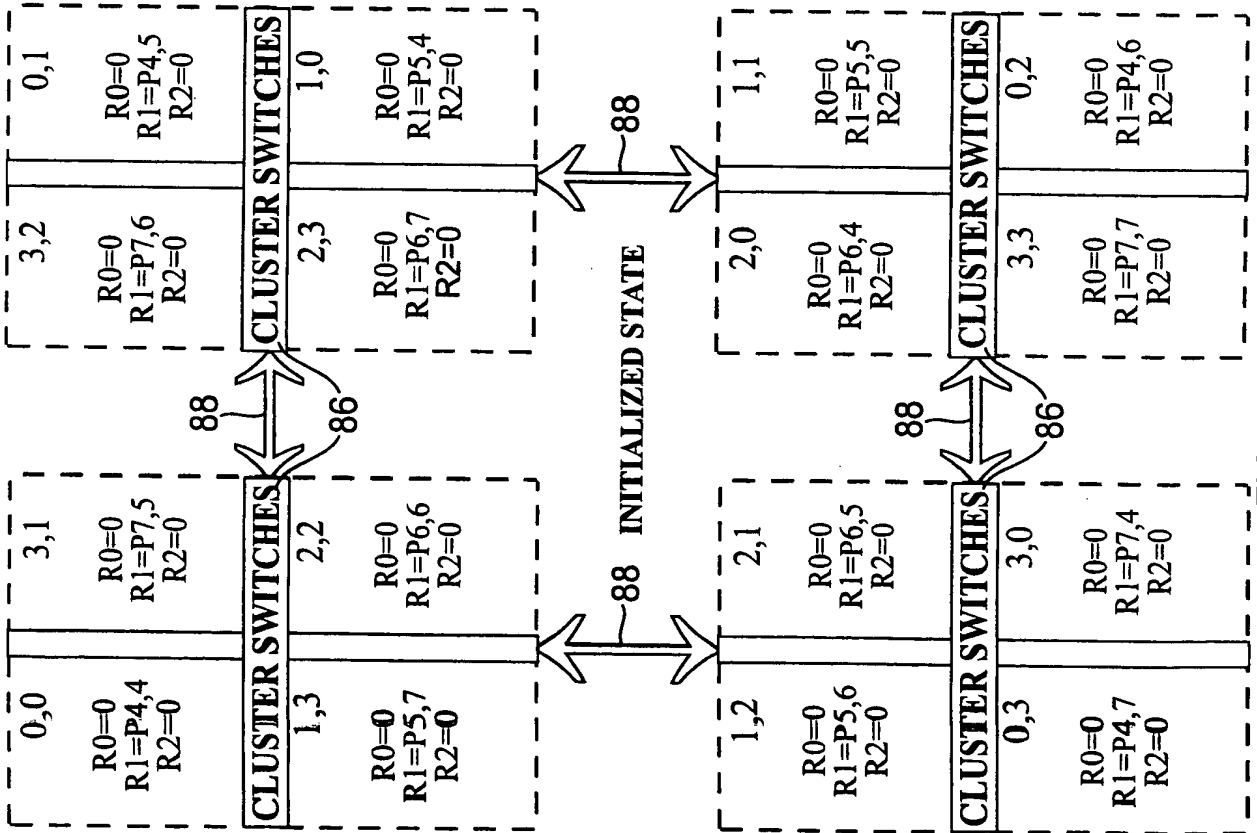
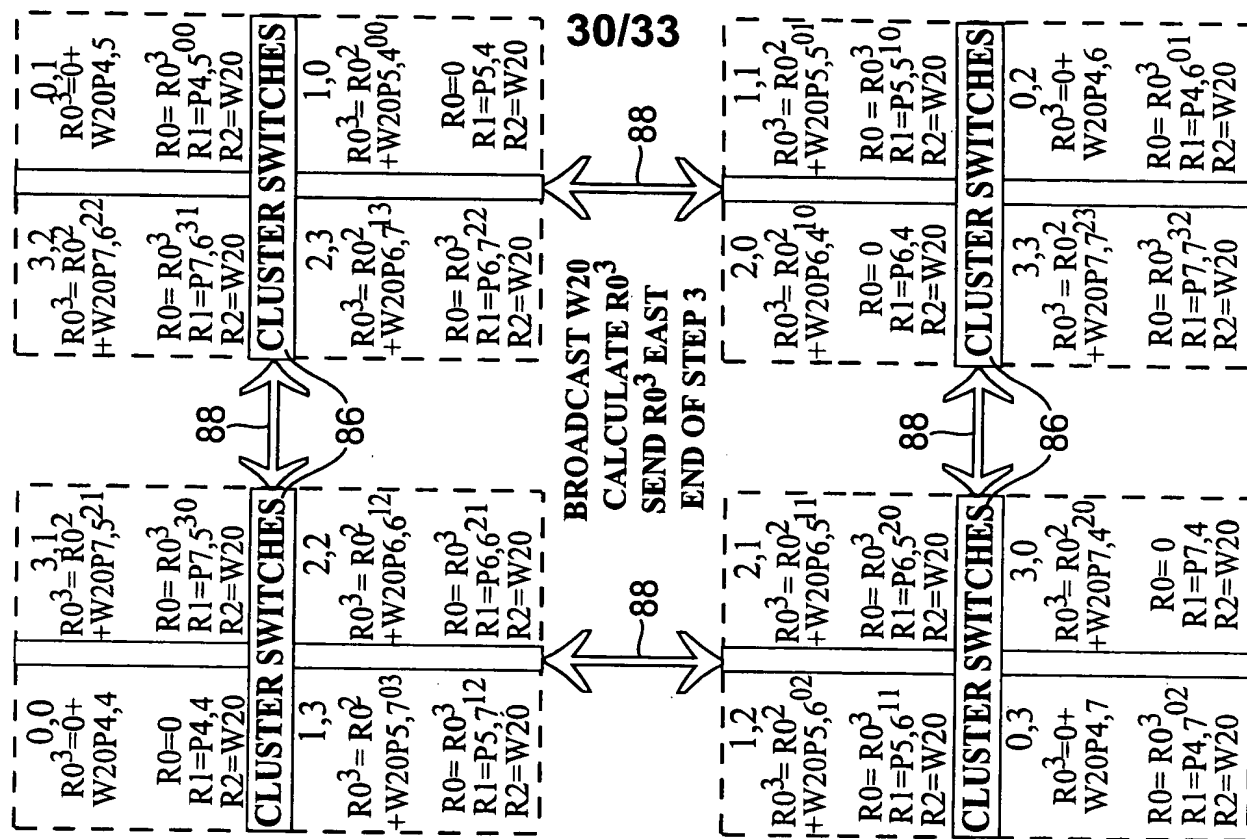
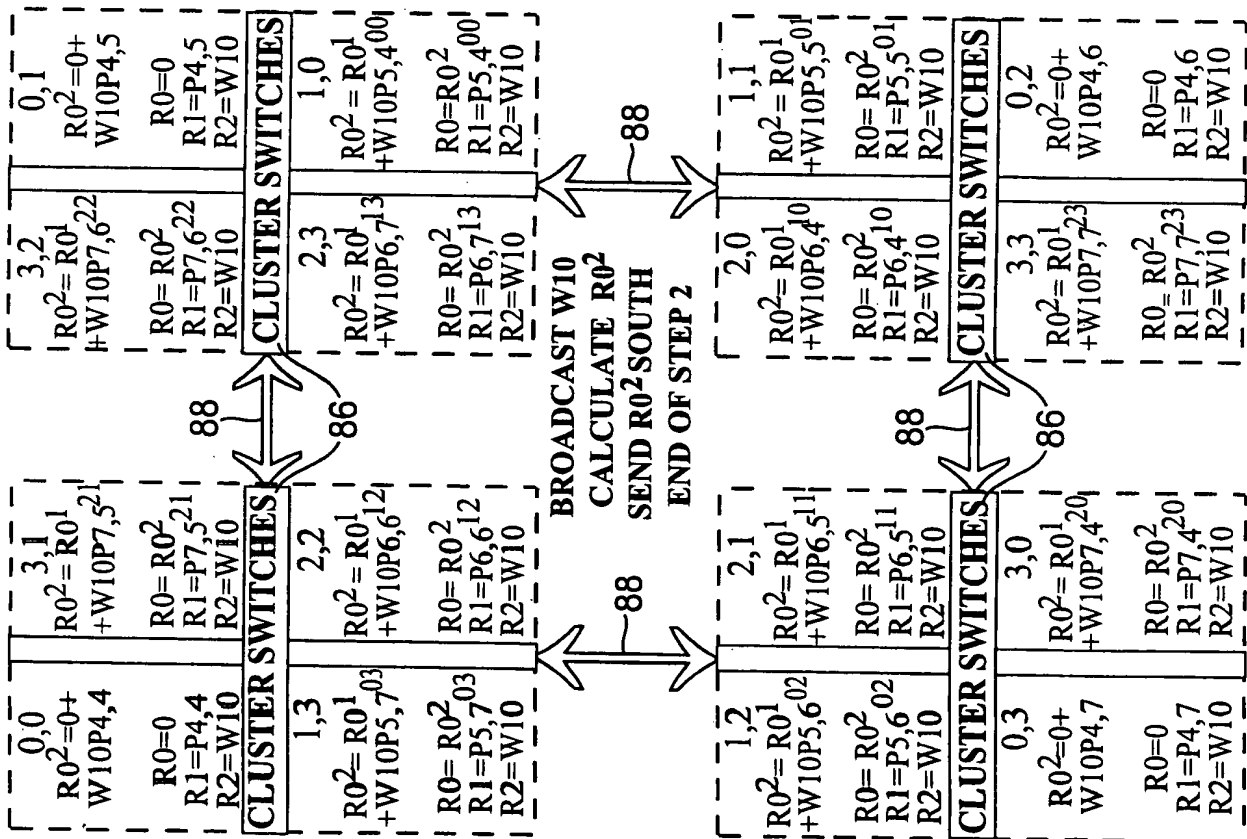


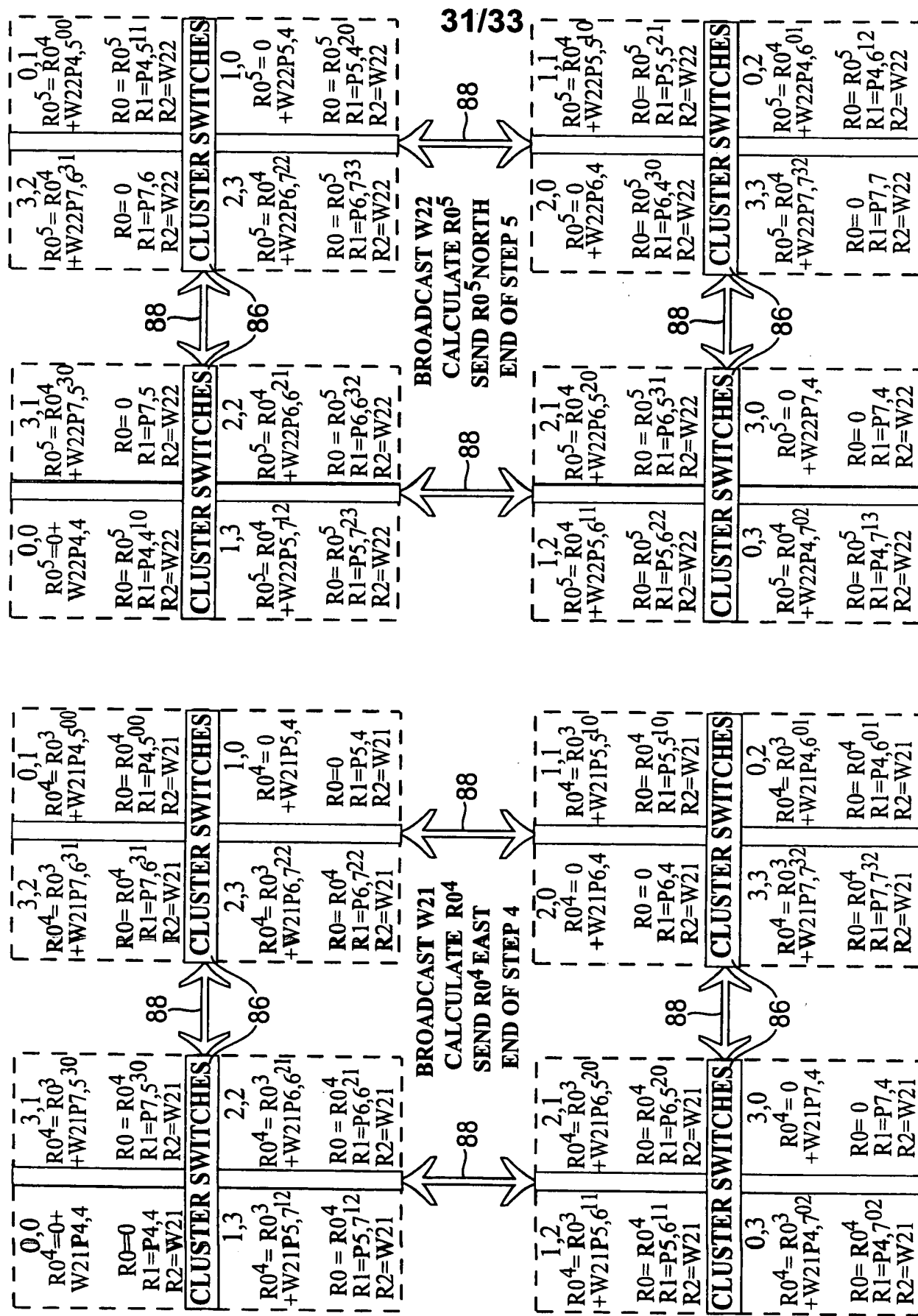
FIG. 19C

0,0 P4,4	0,1 P4,5	0,2 P4,6	0,3 P4,7
1,0 P5,4	1,1 P5,5	1,2 P5,6	1,3 P5,7
2,0 P6,4	2,1 P6,5	2,2 P6,6	2,3 P6,7
3,0 P7,4	3,1 P7,5	3,2 P7,6	3,3 P7,7

FIG. 19D

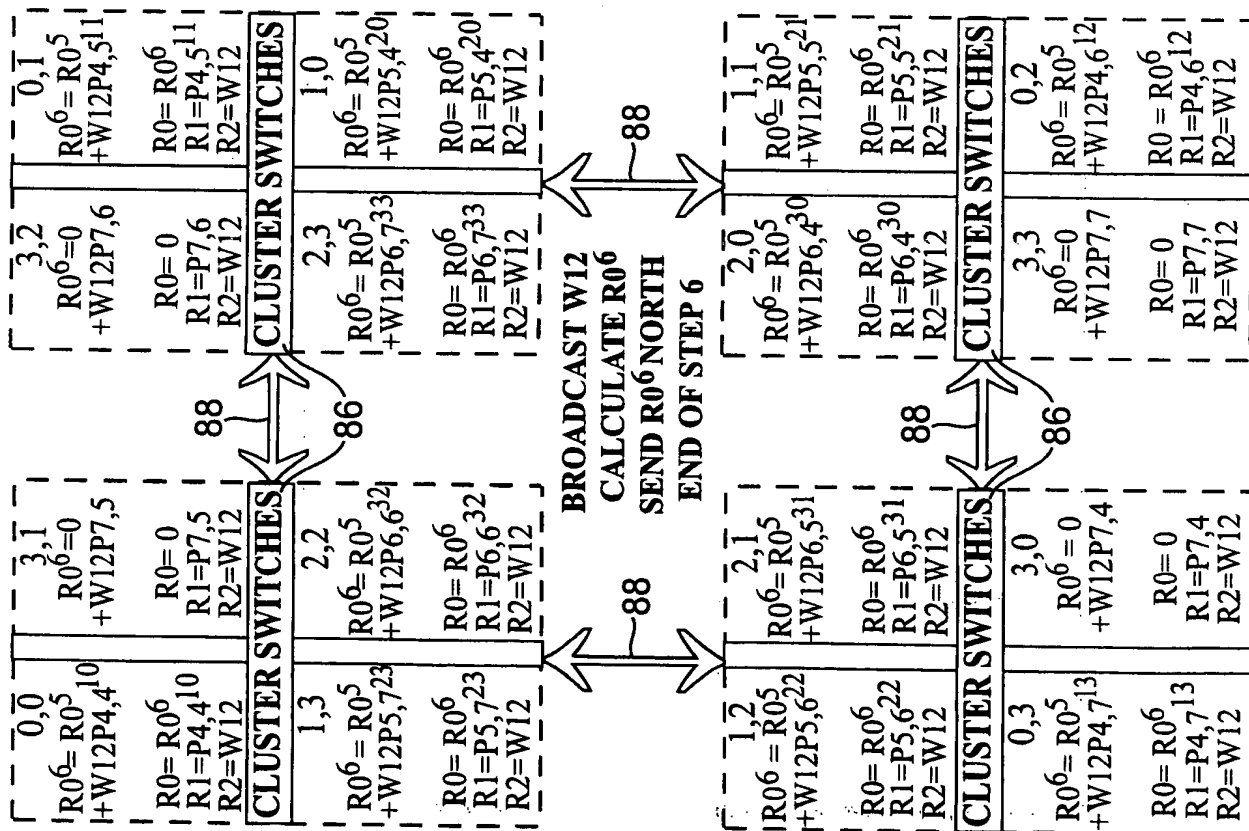




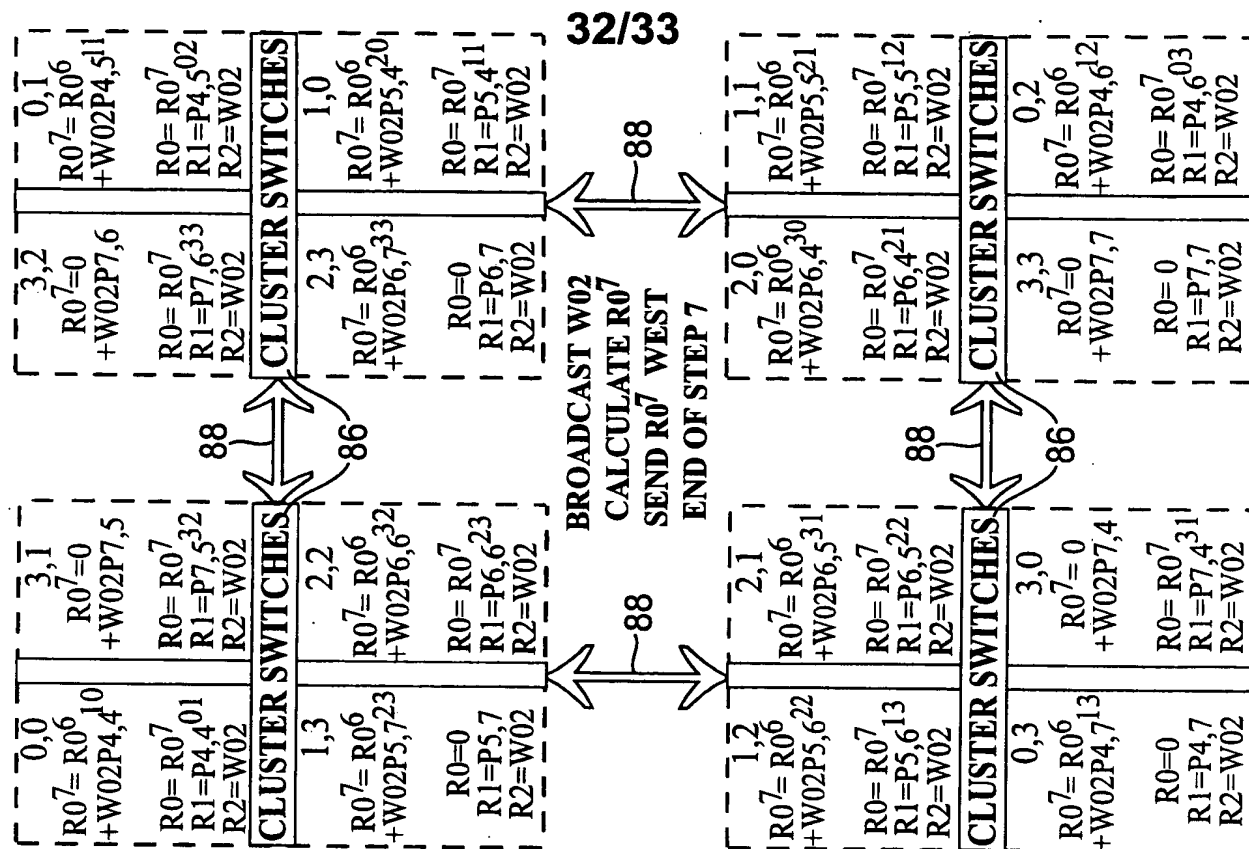


**FIG. 22B**

**FIG. 22A**

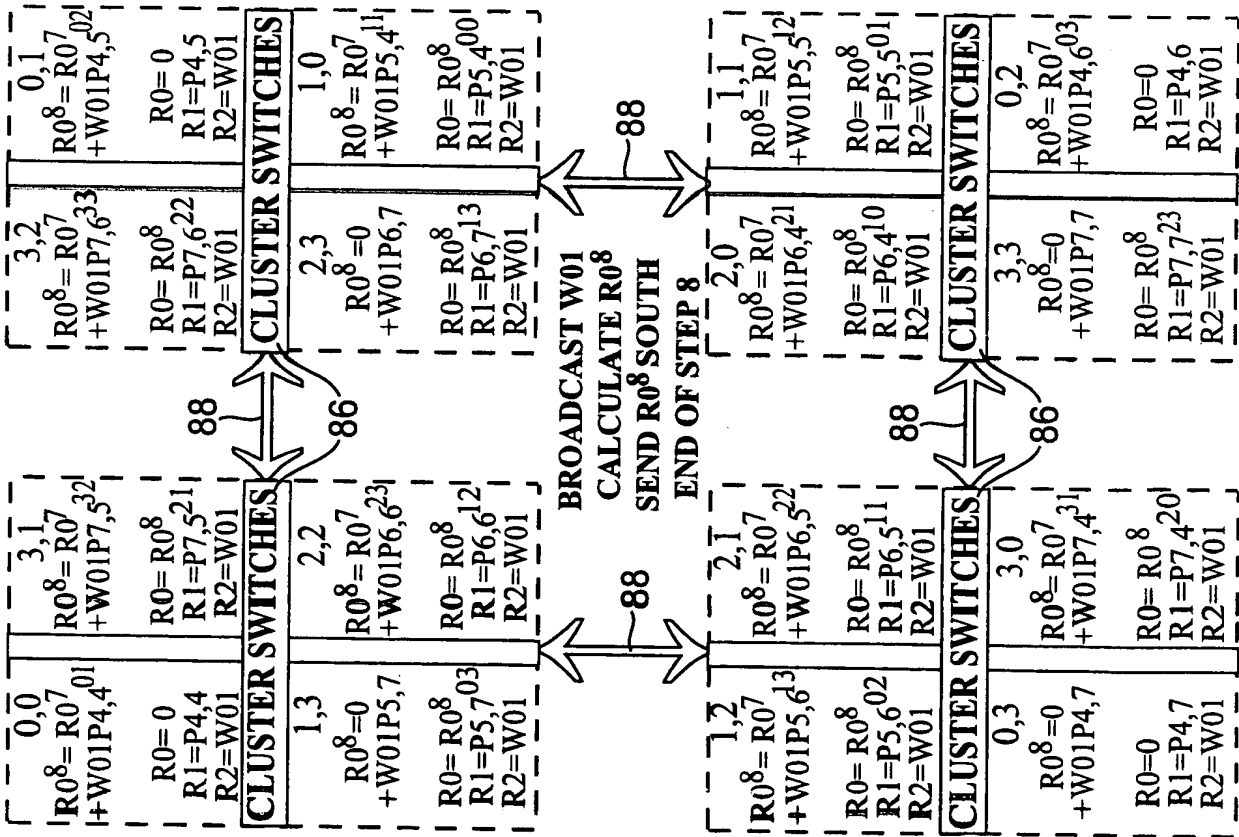


**FIG. 23A**

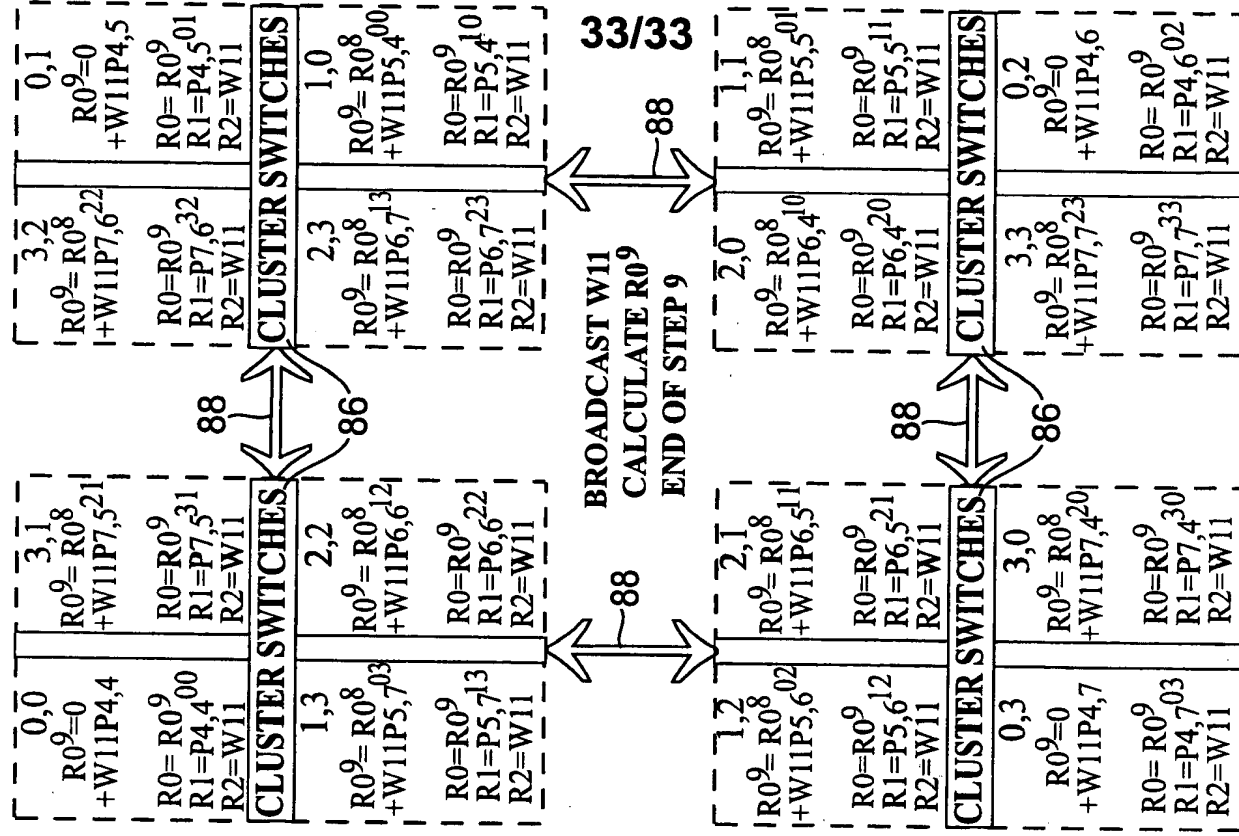


**FIG. 23B**





**FIG. 24A**



**FIG. 24B**